



POST GRADUATE PROGRAM IN SOCIOLOGY

**RASHTRASANT TUKDOJI MAHARAJ
NAGPUR UNIVERSITY, NAGPUR**

**POST GRADUATE (CBCS) (NEP) SEMESTER
SYLLABUS**

2023-2024

17/07/23

Dr. V. R. Chavhan

17/7/23

27/10/23

12/07/23

12/07/23

12/07/23

POST GRADUATE PROGRAM IN SOCIOLOGY
Structure and Credit Distribution of PG Degree Programme (Two Years) w.e.f. 2023-24.
First Year: Semester I

First Year: Semester I									
Level	Course type	Course Code	Title of Course	Credit scheme	Examination and Assessment Scheme		Minimum Passing grade letter/ point (40%)	Total	
	Major	Mandatory			Internal Evaluation	End SEM Exam.			
6.0			PGSO1M01	Classical Sociological Thinkers	4	20	80	B/6	100
			PGSO1M02	Perspective on Indian Society - I	4	20	80	B/6	100
			PGSO1M03	Constitution and Social Change in India	4	20	80	B/6	100
			PGSO1M04	Sociology of Religion - I	2				
		Elective	PGSO1E05	G1P1: Family, Kinship and Marriage	4		50	B/6	50
			PGOS1E06	G2P1: Gender and Society.		20	80		100
			PGSO1E07	G3P1: Sociology of Social Movement					
			PGSO1E08	G4P1: Sociology of Education					
		RM	PGSO1M09	Quantitative Research Methodology OR Qualitative Research Methodology	4	20	80	B/6	100
		Cumulative Credit/ Marks			22				550

Note: For Elective Department offers 4 Groups or Specializations of programs. The...

Note: For Elective Department offers 4 Groups or Specialisations. Student should select any group from these and follow the same till the end of program. There is no choice for selecting paper from other group in upcoming semesters.
RM: Research Methodology, RP: Research Project, CS: 40%.

1 | Page

[Handwritten signatures and dates]
 17/12/23

POST GRADUATE PROGRAM IN SOCIOLOGY
Structure and Credit Distribution of PG Degree Programme (Two Years) w.e.f. 2023-24.
First Year: Semester II

Level	Course type	Course Code	Title of Course	Credit scheme	Examination and Assessment Scheme		Minimum Passing grade letter/point (40%)	Total
					Internal Evaluation	End SEM Examination		
6.0	Major	Mandatory	PGSO2M01	Contemporary Sociological Theory	4	20	80	100
			PGSO2M02	Perspectives on Indian Society-II	4	20	80	100
			PGSO2M03	Sociology of Change and Development	4	20	80	100
			PGSO2M04	Sociology of Religion - II	2			
	Elective		PGSO2E05	G1P2: Rural and Urban Transformation	4	40	50	50
			PGSO2E06	G2P2: Women In Indian Society			60	100
			PGSO2E07	G3P2: Social Movement in India				
			PGSO2E08	G4P2: Education and Society in India				
	OJT/FP	PGSO2M09	Field project FP	4		100		
	Cumulative Credit/ Marks							
	Cumulative Credit for PG diploma (Sem. 1+2)			22			B/6	100
				44				550

Exit option: PG Diploma (40 Credits) after three years UG Degree

Note: For Elective Department offers 4 Groups or Specialisations. Student should select any group from these and follow the same till the end of program. There is no choice for selecting paper from other group in upcoming semesters. **RM: Research Methodology** **OJT: On Job Training: Internship/Apprenticeship** **C5: 40 %**

[Signatures]

[Signatures]

POST GRADUATE PROGRAM IN SOCIOLOGY
Structure and Credit Distribution of PG Degree Programme (Two Years) w.e.f. 2023-24.
Second Year: Semester III

Level	Course type	Course Code	Title of Course	Credit scheme	Examination and Assessment Scheme		Minimum Passing grade letter / point (40%)	Total
6.5	Major	Mandatory	PGSO3M01	4	20	80	B/6	100
			PGSO3M02					
			PGSO3M03					
			PGSO3M04					
	Elective		PGSO3E05	4	40	60	B/6	100
			PGSO3E06					
			PGSO3E07					
			PGSO3E08					
	RP		PGSO3M09	4	100		B/6	100
			Research Project					
Cumulative Credit/ Marks				66				550

Note: For Elective Department offers 4 Groups or Specialisations. Student should select any group from these and fill in the program. There is no choice for selecting paper from other groups.

RP: Research Project

Note: For Elective Department offers 4 Groups or Specialisations. Student should select any group from these and follow the same till the end of program. There is no choice for selecting paper from other group in upcoming semesters.
RP: Research Project
C5: 40%

POST GRADUATE PROGRAM IN SOCIOLOGY
Structure and Credit Distribution of PG Degree Programme (Two Years) w.e.f. 2023-24.
Second Year: Semester IV

Level	Course type		Course Code	Title of Course	Credit scheme	Examination and Assessment Scheme		Minimum Passing grade letter / point (40%)	Total
6.5	Major	Mandatory	PGSO4M01	Postmodern Social Theories	4	Internal Evaluation	End SEM Examination		
			PGSO4M02	Recent trends in Social Theories	4	20	80	B/6	100
		Elective	PGSO4M03	Economy and Society	4	20	80	B/6	100
			PGSO4E04	G1P4: Sociology of Marginalized Communities	4	20	80	B/6	100
			PGSO4E05	G2P4: Science, Technology and Society	4	20	80	B/6	100
			PGSO4E06	G3P4: Culture and Symbolic Transformation					
			PGSO4E07	G4P4: State, Politics and Development					
	RP		PGSO4M08	Research Project	6				
	Cumulative Credits/ Marks				22	150		B/6	150
	Cumulative Credit for 2-year PG degree				88				550
			2 Year - 4 Semester PG Degree (80 credits) after three-year UG degree						
			OR						
			1 Year - 2 Semester PG Degree (80 credits) after three-year UG degree						

Note: For Elective: 1 Year - 2 Semester PG Degree (80 credits) after three-year UG degree

2 Year - 4 Semester PG Degree (80 credits) after three-year UG degree
OR
1 Year- 2 Sem PG Degree (40 credits) after four year of UG degree

Note: For Elective Department offers 4 Groups or Specialisations. Student should select any group from these and follow the same till the end of program. There is no choice for selecting paper from other group in upcoming semesters.

RP: Research Project, C5: 40%

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

COURSE WISE COURSE-OUTCOME

SEMESTER FIRST

COURSE CODE	TITLE OF COURSE	COURSE OBJECTIVES
PGSO1M01	CLASSICAL SOCIOLOGICAL THINKERS	<ol style="list-style-type: none"> 1. Students develop critical thinking and analytical skills. 2. To learn to analyze complex social phenomena, understand the underlying structures of society, and critically evaluate different perspectives on social issues. 3. To enable students to approach social problems and phenomena with a deeper understanding and the ability to analyze them from multiple angles, leading to informed decision-making and problem-solving in various personal, academic, and professional contexts.
PGSO1M02	PERSPECTIVES ON INDIAN SOCIETY - I	<ol style="list-style-type: none"> 1. To develop cultural awareness and sensitivity towards diverse social perspectives and experiences in India. 2. students will gain insights into the complexities of Indian society, particularly with regards to tribes, caste, gender, family, and kinship. 3. enable students to understand and appreciate the diverse cultural practices, beliefs, and social structures that exist in India.
PGSO1M03	CONSTITUTION AND SOCIAL CHANGE IN INDIA	<ol style="list-style-type: none"> 1. To develop students' constitutional literacy and understanding. 2. To critically analyze the constitutional provisions related to education, employment, health, social justice, individual rights, minority rights, and the rights of weaker sections. 3. Students will develop a deep appreciation for the constitutional framework that guides the social, economic, and political aspects of Indian society, equipping them to participate actively in democratic processes and advocate for social change.
PGSO1M04	SOCIOLOGY OF RELIGION - I	<ol style="list-style-type: none"> 1. To develop a comprehensive understanding of the sociology of religion as a scientific discipline. 2. Explore the relationship between religion and morality, religious beliefs, and values, and gain insights into different ideologies such as theism, atheism, secularism, and fundamentalism.
PGSO1E05	G1P1 : FAMILY, KINSHIP AND MARRIAGE	<ol style="list-style-type: none"> 1. To develop a comprehensive understanding of family, kinship, and marriage theories and concepts, including structural-functionalism, alliance theory, and cultural approaches. Examine constitutional laws related to inheritance, succession, and authority within families.

		<ol style="list-style-type: none"> 2. To analyze power dynamics, gender relations, and changing gender roles within families. Investigate the conditions of children, youth, and families, with a focus on the influence of gender on power dynamics. 3. Study the intersection of family, laws, and violence, including domestic violence, crimes against women, and honor killings within the context of marriage, family, and caste dynamics.
PGS01E06	G2P1 : GENDER AND SOCIETY	<ol style="list-style-type: none"> 1. To develop a comprehensive understanding of the social construction of gender, including the role of patriarchy and socialization in shaping gender norms and expectations. 2. Explore the dilemmas associated with gender, such as the tension between biology and gender, equality and difference, and the public and private spheres. 3. To examine different feminist theories, including liberal feminism, Marxist feminism, radical feminism, and black feminism.
PGS01E07	G3P1 : SOCIOLOGY OF SOCIAL MOVEMENT	<ol style="list-style-type: none"> 1. To develop a comprehensive understanding of social movements by exploring reform, revival, revolutionary, protest, and counter movements and to examine theories of social movements. 2. To analyze the relationship between social movements and social transformation. 3. Study the scenario of social movements in India, examining leadership, organizations, and the role of ideology. 4. Analyze different types of ideology associated with social movements and their impact on guiding movements and creating social unrest.
PGS01E08	G4P1 : SOCIOLOGY OF EDUCATION	<ol style="list-style-type: none"> 1. To examine the influence of gender, caste, and class on education and recognize the significance of studying the sociology of education in understanding social dynamics. 2. To analyze traditional perspectives of education. 3. To understand the key concepts and theories proposed by these sociologists in relation to education and to explore new theoretical perspectives in the sociology of education.
PGS01M09	RM1 : QUANTITATIVE METHOD IN SOCIAL RESEARCH OR RM2 : QUALITATIVE METHOD IN SOCIAL RESEARCH	<ol style="list-style-type: none"> 1. To develop a comprehensive understanding of social research, including its meaning, nature, and ethical considerations. 2. Explore the formulation of research problems, research design, sampling techniques, and data collection methods. 3. Understand the fundamentals of quantitative and qualitative research approaches. 4. To gain practical skills in data analysis and interpretation for both quantitative and qualitative research.

[Signature]

17/7/23

[Signature]

[Signature]

[Signature]

17/07/23

SEMESTER SECOND

COURSE CODE	TITLE OF COURSE	COURSE OBJECTIVES
PGSO2M01	CONTEMPORARY SOCIOLOGICAL THEORY	<ol style="list-style-type: none"> 1. To gain a comprehensive understanding of contemporary sociological theories by exploring the works of influential theorists. 2. To examine key sociological perspectives, including structuralism, functionalism, conflict theory, and symbolic interactionism. 3. Analyze the anthropological perspectives within structuralism, the concept of analytical functionalism within functionalism, the role of conflicts in social dynamics within conflict theory.
PGSO2M02	PERSPECTIVES ON INDIAN SOCIETY - II	<ol style="list-style-type: none"> 1. studying perspectives on social change and development, students can develop a deep understanding of the factors that shape Indian society. 2. To analyze and navigate the complexities of social, economic, and political transformations in their personal and professional lives. 3. Develop a critical understanding of power dynamics and social movements.
PGSO2M03	SOCIOLOGY OF CHANGE AND DEVELOPMENT	<ol style="list-style-type: none"> 1. To Develop a comprehensive understanding of social change and its dynamics. 2. To critically analyse and interpret social change processes in contemporary societies, including India. 3. Explore different approaches to development and their implications.
PGSO2M04	SOCIOLOGY OF RELIGION - II	<ol style="list-style-type: none"> 1. To Develop a critical understanding of 2. To explore the place of religion in rational dialogue, its function in society, its social construction, and its manifestation as a social practice. 3. to critically analyze the complexities of religion in contemporary social contexts and develop a nuanced perspective on its significance.
PGSO2E05	G1P2 : RURAL AND URBAN TRANSFORMATION	<ol style="list-style-type: none"> 1. To Develop a comprehensive understanding of rural community changes. 2. To explore the ruralization of tribes, migration patterns, and mutual adaptations. 3. to analyze the complexities of rural communities, including caste-tribal settlements and their implications for social dynamics.
PGSO2E06	G2P2 : WOMEN IN INDIAN SOCIETY	<ol style="list-style-type: none"> 1. To Develop a comprehensive understanding of the changing profile of women in India 2. examine the demographic profile, gender gaps, and the intersection of gender with caste, class, and religion.

[Signature]
19-11-23

[Signature]
17/11/23

[Signature]
17/11/23

[Signature]
17/11/23

[Signature]
17/11/23

		<ol style="list-style-type: none"> 3. to critically analyze the social, cultural, and structural factors that shape women's experiences in Indian society. 4. to Examine the dynamics of patriarchy and women's experiences in India
PGSO2E07	G3P2 : SOCIAL MOVEMENT IN INDIA	<ol style="list-style-type: none"> 1. To Develop a comprehensive understanding of social movements in India. 2. To explore the interplay between caste, class, and social movements, understanding the diverse factors that mobilize individuals and groups for social change. 3. to critically analyze the context, drivers, and outcomes of social movements in India.
PGSO2E08	G4P2 : EDUCATION AND SOCIETY IN INDIA	<ol style="list-style-type: none"> 1. To Develop a comprehensive understanding of the socio-historical context of education in India. 2. To explore the significance of education in shaping social, cultural, and economic aspects of Indian society. 3. to critically analyze the influences and legacies of different historical periods on the present education system.
PGSO2M09	FIELD PROJECT	<ol style="list-style-type: none"> 1. To Develop practical research skills. 2. To learn research design, data collection techniques, and data analysis methods relevant to their specific field of study. 3. To practical training enhances students' research skills, critical thinking abilities, and problem-solving capacities, which are valuable in various professional contexts.

SEMESTER THREE

COURSE CODE	TITLE OF COURSE	COURSE OBJECTIVES
PGSO3M01	MODERN SOCIOLOGICAL THEORY	<ol style="list-style-type: none"> 1. To Develop a comprehensive understanding of contemporary sociological theories. 2. To explore concepts such as agency and structure, culture and agency, signifier and deconstructionism, knowledge and power, critical social theories, and phenomenological and ethnomethodological perspectives. 3. Enhance critical thinking and analytical skills.
PGSO3M02	FEMINIST SOCIOLOGICAL THINKERS	<ol style="list-style-type: none"> 1. To Develop a comprehensive understanding of feminist sociological theories. 2. To explore existentialist perspectives on gender, critiques of traditional gender roles, politics of sexuality, reconstructions of historical materialism, psychoanalysis and feminism, intersectionality, and deconstructions of sex and gender. 3. Foster critical thinking and awareness of gender issues.

PGSO3M03	GLOBALIZATION AND SOCIETY	<ol style="list-style-type: none"> 1. To Develop a critical understanding of globalization. 2. To explore different perspectives on globalization, including Westernization, Easternization, Americanization, and Anti-Americanization. 3. critically analyze the role of the nation-state, civil society, cultural hybridization, and cultural convergence in shaping the global structure.
PGSO3M04	SOCIAL PROBLEMS IN CONTEMPORARY INDIA	<ol style="list-style-type: none"> 1. To Develop a comprehensive understanding of social problems in India. 2. To explore the issues of casteism, atrocities, unequal distribution of power, gender inequality, and its socio-economic and political consequences. 3. To analyze the challenges posed by population growth, urbanization, and their impact on health, habitat, natural resources, and socio-economic conditions.
PGSO3E05	G1P3 : SOCIOLOGY OF SOCIAL STRATIFICATION	<ol style="list-style-type: none"> 1. To Develop a comprehensive understanding of social stratification. 2. To explore the distinction between social inequality and biological/natural inequality, recognizing that social stratification is a product of social processes rather than inherent biological differences. 3. to critically analyze the mechanisms and consequences of social stratification in different societies.
PGSO3E06	G2P3 : SOCIOLOGY OF SOCIAL EXCLUSION	<ol style="list-style-type: none"> 1. To Develop a comprehensive understanding of social exclusion. 2. to critically analyze the mechanisms and consequences of social exclusion in diverse contexts. 3. Analyze social categories and social exclusion: Students engage with various social categories and their relationship with social exclusion.
PGSO3E07	G3P3 : MEDIA AND SOCIETY	<ol style="list-style-type: none"> 1. To Develop a comprehensive understanding of media in society. 2. To explore theories of mass media, including the pluralist, Marxist, and neo-Marxist perspectives, which provide different frameworks 3. To Analyze the role and influences of media.
PGSO3E08	G4P3 : ENVIRONMENT AND SOCIETY	<ol style="list-style-type: none"> 1. To Develop a comprehensive understanding of the environment and its impact on society. 2. enables students to critically analyze the interdependencies between society and the environment. 3. Analyze the social dimensions of environmental issues.
PGSO3M09	RESEARCH PROJECT	<ol style="list-style-type: none"> 1. To equip students with the necessary skills and knowledge to effectively write a comprehensive research report. 2. writing a research report, students will

		develop essential skills in research methodology, critical analysis of literature
--	--	---

SEMESTER FOUR

COURSE CODE	TITLE OF COURSE	COURSE OBJECTIVES
PGSO4M01	POSTMODERN SOCIAL THEORIES	<ol style="list-style-type: none"> 1. To Explore and analyze postmodern perspectives on society. 2. Critically evaluate the implications of postmodern social theories
PGSO4M02	RECENT TRENDS IN SOCIAL THEORIES	<ol style="list-style-type: none"> 1. To Explore and critically analyze recent trends in social theories. 2. Examine the impact of information technology and digital society.
PGSO4M03	ECONOMY AND SOCIETY	<ol style="list-style-type: none"> 1. To develop a nuanced understanding of the interconnections between economic systems, social structures, and power dynamics. 2. to critically analyze key economic concepts, debates, and emerging trends, enabling them to navigate and contribute to socio-economic environments.
PGSO4E04	G1P4 : SOCIOLOGY OF MARGINALIZED COMMUNITIES	<ol style="list-style-type: none"> 1. To Understand the concept of marginalized communities and the bases of marginalization. 2. To explore the socio-economic and political factors that contribute to marginalization, including discrimination, deprivation, exploitation, segregation, and poverty. 3. Examine marginalized communities in India and explore means of eradicating marginality.
PGSO4E05	G2P4 : SCIENCE, TECHNOLOGY AND SOCIETY	<ol style="list-style-type: none"> 1. To Explore the historical development of science and technology. 2. To analyze changing notions of time and space, including the shift from physical to virtual spaces. 3. Examine the social implications of science and technology.
PGSO4E06	G3P4 : CULTURE AND SYMBOLIC TRANSFORMATION	<ol style="list-style-type: none"> 1. gain a critical awareness of the complexities of cultural dynamics and their implications for various aspects of society. 2. to develop skills in cultural analysis, allowing them to navigate and contribute to the ever-evolving cultural landscape, understand the interplay of cultural forces with religion, politics, and societal trends.
PGSO4E07	G4P4 : STATE, POLITICS AND DEVELOPMENT	<ol style="list-style-type: none"> 1. To develop interest politics, understanding the concepts of interest, ideology, and political fractions. 2. to provide a solid foundation in state, politics, and development, enabling them to comprehend the complexities of political systems, analyze social issues, and contribute to societal progress and transformation.
PGSO4M08	RESEARCH PROJECT	<ol style="list-style-type: none"> 1. To equip students with the necessary skills

		<p>and knowledge to effectively write a comprehensive research report.</p> <p>2. writing a research report, students will develop essential skills in research methodology, critical analysis of literature, academic writing, and proper citation. These skills are highly valuable in academic and professional settings, including research careers, policy-making, and further studies at the graduate level.</p>
--	--	---

Pat

Indira

Am

Dei

Arade

12/11/23

Am

Four Year Bachelor of Arts(Honours/Research) Degree Examination

Scheme of Examination for Four Year Bachelor of Arts (B.A.) Program from Academic
Session 2023-24

As approved by all the Boards of Studies in the Faculty of Humanities in their meetings
held on 10th & 11th May 2023

&

Placed before the Chairpersons of All the Boards for consideration and approval in its meeting
held on 29th May 2023

Preamble:

The Academic Council of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur has adopted the Government Resolution No. NEP-2020/प्र.क्र.09/विशी-3/शिकाना dated 20th April 2023 issued by the Government of Maharashtra in its meeting held on 21st April 2023 in view of implementation of National Education Policy, 2020. The Faculty of Humanities, R T M Nagpur University has approved the following '**Teaching and Examination Scheme**' for '**Four Year – Bachelor of Arts (B.A.) Honours/Research Degree with Major and Minor**' in its meeting held on 10th & 11th May 2023 & placed before the Chairpersons of All the Boards for consideration and approval in its meeting held on 29th May 2023. This notification is issued to facilitate the affiliated Colleges and students for smooth conduct of admission process for the year 2024-25. Basic details required at the time of admission are provided in this notification and detailed Direction/Regulation containing comprehensive provisions related to all aspects shall soon be issued by the University. Further, a separate list of the '**Skill Enhancement Courses**' and a list of '**Co-Curricular Courses**' shall also be soon issued by the University.

1. Details of eligibility for B.A. semester 1 examination

- a) For the **B.A. 1st Semester**, Examinee shall have Passed the 12th Standard Examination of the Maharashtra State Board of Secondary and Higher Secondary Education/CBSE/ICSE, in the faculty of Arts or faculty of Commerce or Faculty of Science, vocational stream, professional courses or an examination recognised as equivalent thereto in such subjects and with such standards of attainments as may be prescribed.

OR

- b) 12th Standard Examination of Maharashtra State Board of Secondary and Higher Secondary Education in Vocational Stream with one language only; OR any other examination recognized as equivalent thereto; in such subjects and with such standards of attainments as may be prescribed Minimum Competition vocation course (MCVC).

OR

- c) Any other Equivalent Examination of any State in (10+2) pattern with any combination of subjects.

2. Duration of the Program, student progression path and provisions for Multiple Entry and Exit

- A. Duration of the B. A. Program shall be FOUR years with the provision for multiple exit as mentioned here:

- a. A student can exit the program after successful completion of 1st and 2nd semesters having earned requisite number of credits as mentioned in the scheme of examination and additional '**Skill Enhancement Course**' with 4 credits. Such a student shall be eligible for the award of '**UG Certificate in ---- (Subject)**' by the University.

OR a student can continue the program in 2nd year.

- b. A student can exit the program after successful completion of 1st, 2nd, 3rd and 4th semesters having earned requisite number of credits as mentioned in the

scheme of examination and additional '**Skill Enhancement Course**' with 4 credits. Such a student shall be eligible for the award of '**UG Diploma in ---- (Subject)**' by the University.

OR a student can continue the program in 3rd year.

- c. A student can exit the program after successful completion of 1st, 2nd, 3rd, 4th, 5th and 6th semesters having earned requisite number of credits as mentioned in the scheme of examination. Such a student shall be eligible for the award of '**Bachelor of Arts**' degree by the University.

OR a student can continue the program in 4th year for either HONOURS or RESEARCH degree.

- d. A student, on successful completion of all the 8 semesters and having earned requisite number of credits as mentioned in the scheme of examination shall be eligible for the award of either '**Bachelor of Arts (Honours) Degree with Major and Minor**' **OR** '**Bachelor of Arts (Research) Degree with Major and Minor**'

B. Re-entry or Lateral Entry

- a. Students, opting for exits at any level, will have the option to re-enter the programme from where they have left off, in the same or in a different higher education institution within three years of exit and complete the degree programme within the stipulated maximum period of SEVEN years from the date of admission to first year.
- b. Re-entry at various levels for lateral entrants in academic programmes shall be based on the earned and valid credits as deposited and accumulated in the Academic Bank of Credits (ABC) through Registered Higher Education Institutions and proficiency test records.
- c. Lateral entry into the programme of study leading to the UG Diploma / Three Year UG Degree / Four Year Bachelor's Degree with Honours/Research will be based on the validation of prior learning outcomes achieved and subject to availability seats based on intake capacity.

Eligibility for Award of Certificate/Diploma/Degree/Honours or Research Degree

Semester Completion	No. of Min. Credits earned	Additional Credits	Eligible For
I and II	40-44	4 credits for NSQF Course/ Course approved by Centre of Life-Long Learning, RTMNU/Internship	UG Certificate in ----(Subject) OR Continue with Major
III and IV	80-88	4 credits for NSQF Course/ Course approved by Centre of Life-Long Learning, RTMNU/Internship	UG Diploma in ----(Subject) with Minor OR Continue with Major and Minor
V and VI	120-132	Not Required	Bachelor of Arts Degree with Major and Minor OR Continue with Major and Minor
VII and VIII	160-176	Not Required	Bachelor of Arts Degree (Honours/Research) With Major and Minor

3. Types of Courses

A student admitted to this program is required to undergo and successfully complete the following types of courses as mentioned in the scheme of examination:

Sr. No.	Course Type	Choice for Selection
1.	Major Subject	A student is required to select a 'MAJOR' subject from any one group amongst the groups provided in Table 3 under Clause 4, provided in this scheme of examination in the 1 st semester. The last date for selection of 'Major' subject may be decided by the college but it shall not be later than 15 days after commencement of classes for 1 st Semester. Change of major subject shall not be permitted after the examination form is submitted. This MAJOR subject will be continued for all semesters.
2.	Minor Subject	A student is required to select any one 'MINOR' subject from any one group under Table No. 3 Clause 4 except the subject in the group of MAJOR subject or any other degree program offered by the university in any other faculty at the time of admission to 3 rd Semester. Change of 'Minor' subject shall not be permitted after the examination form is submitted. Except MAJOR or Group of MAJOR all other subjects would be considered as MINOR. For Example , A student is opting History as MAJOR subject from Group B, will not be able to take the MINOR subject from the same Group B.
3.	Open Elective Course (OE)	<p>A student is required to select an 'OPEN ELECTIVE' from the 'Open Elective Basket' (Annexure ---) of any program offered by the university in any faculty before filling the examination form for the semester concerned. Such an 'OPEN ELECTIVE' cannot be selected from the subjects chosen by a student as 'Major' or 'Minor' subjects.</p> <p>OR</p> <p>A student can also earn credits for 'OPEN ELECTIVE' by successfully completing online courses of equivalent credits from SWAYAM/NPTEL learning platforms.</p> <p>OR</p> <p>From other Higher Education Institutions affiliated to RTM Nagpur University.</p> <p>OR</p> <p>Any other institute of National repute i.e. IIT, IIM, IISC, IIIT, and NIT.</p> <p>However, this need to be informed by the student to the university through the college before the commencement of the semester and an application for transfer of credits is required to be made by the student.</p> <p>If a student completes an 'OPEN ELECTIVE' from other faculty or online learning platform having more than 3 credits, it will be considered equivalent to 3 credits only</p>
4.	Vocational Skill Course (VSC)	<p>A student is required to successfully complete the 'VOCATIONAL SKILL COURSE' as mentioned in this scheme of examination. This course must be a course corresponding to the 'MAJOR' selected by a student.</p> <p>OR</p> <p>A student can also earn credits for 'VOCATIONAL SKILL COURSE' by successfully completing online courses of equivalent credits from SWAYAM/NPTEL learning platforms.</p> <p>OR</p>

		From other Higher Education Institutions affiliated to RTM Nagpur University provided they are approved by the competent authority of RTM Nagpur University. However, this needs to be informed by the student to the University through the college before the commencement of the semester and an application for transfer of credits is required to be made by student.
5.	Skill Enhancement Course (SEC)	<p>A student is required to select a 'SKILL ENHANCEMENT COURSE' from the basket provided by the university for this purpose. A separate notification and guidelines in this regard shall be displayed by the university on its website.</p> <p>OR</p> <p>A student can also earn credits for 'SKILL ENHANCEMENT COURSE' by successfully completing online courses of equivalent credits from SWAYAM/NPTEL learning platforms or from other Higher Education Institutions affiliated to RTM Nagpur University provided they are approved by the competent authority of RTM Nagpur University or the courses from 'Sector Skill Council.' However, this need to be informed by student to the University through the college before the commencement of the semester and an application for transfer of credits is required to be made by student.</p>
6.	Ability Enhancement Course (AEC)	A student is required to undergo and successfully complete the ' ABILITY ENHANCEMENT COURSE ' as mentioned in this scheme of examination.
7.	Indian Knowledge System Course (IKS)	A student is required to undergo and successfully complete the ' INDIAN KNOWLEDGE SYSTEM COURSE ' as mentioned in this scheme of examination. The list of the IKS courses (subject-wise) will be published by the University for this purpose. This course must be corresponding to the ' MAJOR '.
8.	Value Education Course (VEC)	A student is required to undergo and successfully complete the ' VALUE EDUCATION COURSE ' as mentioned in this scheme of examination.
9.	Co-Curricular Course (CC)	<p>A student is required to select a 'Co-Curricular Course' from amongst the basket provided under the direction/regulation governing B. A. Program.</p> <p>This course must be completed at the college where the student has taken admission and transfer of credit is not permissible for this type of course.</p>
10.	Field Project (FP) /On Job Training (OJT)/Community Engagement Project (CEP)/Research Project (RP)	<p>A student is required to undergo and successfully complete this course as mentioned in the scheme of examination under the guidance of supervisor/mentor assigned by the college. This course must be corresponding to the 'MAJOR.'</p> <p>This course must be completed at the college where the student has taken admission and transfer of credit is not permissible for this type of course.</p>

4. Availability 'Major' and 'Intake Capacity'

All colleges affiliated to the University for offering B. A. Program in the Faculty of Humanities shall adhere to the following:

Table 3: LIST OF MAJOR SUBJECTS

AFFILIATED PROGRAM	SANCTIONED INTAKE	'MAJOR' TO BE OFFERED	CODE OF 'MAJOR'
Group A	As approved by the University	1. Marathi Literature 2. Hindi Literature 3. Sanskrit Literature 4. Pali&Prakrit Literature 5. English Literature 6. Urdu Literature 7. Persian Literature 8. Arabic Literature	MLT HLT SLT PPL ELT ULT PLT ALT
Group B	As approved by the University	9. English 10. Marathi 11. Hindi 12. Sanskrit	ENG MAR HIN SLT
Group C	As approved by the University	13. Ancient Indian History, Culture & Archaeology 14. History 15. Library & Information Science	AIH HIS LIS
Group D	As approved by the University	16. Economics 17. Mathematics 18. Statistics	ECO MAT STA
Group E	As approved by the University	19. Political Science 20. Philosophy 21. Public Administration	POL PHL PUB
Group F	As approved by the University	22. Home Economics 23. Geography 24. Psychology	HEC GEO PSY
Group G	As approved by the University	25. Drama 26. Military Science 27. Fashion Designing 28. Music 29. Fine Arts	DRM MSC FDE MUS FAT
Group H	As approved by the University	30. Sociology 31. Buddhist Studies 32. Dr Ambedkar Thought 33. Gandhian Thought	SOC BST ATH GTH
NOTES: <ul style="list-style-type: none"> Total intake capacity for the program as approved by the university shall remain the same and be divided amongst the 'Major' subjects allowed for that program. The college may offer a particular 'Major' subject based on the availability of teachers and students. The college is not expected to force any student to opt for a particular subject where a choice is provided in the scheme of examination. Subject code given in the table may change, however the change if any will be notified. 			

5. Minor Subjects:

All colleges affiliated to the University for offering B. A. Program may offer **MINOR** subject from any one group given in Table No. 3 Clause 4 except the subject in the group of '**MAJOR**' subjects. It is mandatory for the students to choose only one '**MINOR**' subject which obviously will be other than the **MAJOR** subject or Group of **MAJOR** s/he has already chosen. Once the **MINOR** subject is chosen from the particular group, it is mandatory for the student to pursue all the subjects from the group of that **MINOR** throughout the program (all semesters). **For Example-** A student is opting Economic as Minor subject from Group C will not be eligible to take the Minor subject from the other Groups.

6. All colleges affiliated to the University offering B. A. Program are required to put up a list of offering 'Major' and 'Minor' subjects on the Notice Board as well as on the website of the college to make students aware about the availability of subjects. Moreover, colleges are expected to define and display the 'Standard Operating Procedures' for their staff members and students to facilitate the process of selecting 'Major' and 'Minor' subjects.
7. In pursuance with the National Education Policy 2020 and a Government Resolution No. NEP-2020/प्र.क्र.09/विशी-3/शिकाना dated 20th April 2023 issued by the Government of Maharashtra, the credit framework and Teaching and Examination scheme for B. A. Program shall be as mentioned in **Annexure – I**.

Teaching and Examination Scheme

A teaching and examination scheme for students admitted to the B. A. Program shall be as follows:

Bachelor of Arts (B.A.) (NON- PRACTICAL COURSES)

B.A. – Semester I

B.A. Semester I												
Sr. No.	Course Type	Subjects	Course Code	Teaching Scheme			Examination Scheme					Credits
				Total HoursPer Week			Max. Marks (TH) *	Max Marks Activit y	Max. Marks (CIE)	Total Marks	Min. Passing Marks	
				Theory	Activity	Total						
1.	Major	As per basket Major T-1		4	-	4	80	-	20	100	40	4
	Major	Major T-2		2	-	2	40	-	10	50	20	2
2.	OE	To be selected from common basket. OE-1		4	-	4	80	-	20	100	40	4
3.	VSC	Refer to VSC Basket VSC-1		-	4	4	-	50	50	100	50	2
4.	SEC	To be selected from common basket. SEC-1		-	4	4	-	50	50	100	50	2
5.	AEC	English-1 AEC-1		1	2	3	50	-	50	100	40	2
6.	VEC	Environmental Studies VEC-1		2	-	2	40	-	10	50	20	2
7.	IKS	Indian Knowledge System		2	-	2	40	-	10	50	20	2
8.	CC	To be selected from common basket CC-1		-	4	4	-	50	50	100	50	2
		TOTAL		15	14	29	380	150	270	750	330	22

Note: Semester end examinations subjects in Sr. No. 1,2,3,&6 will be conducted by the University.

B.A. – Semester – II

Sr. No.	Course Type	Subjects	Course Code	Teaching Scheme			Examination Scheme					Credits
				Total Hours per Week			Max. Marks (TH) *	Max Marks Activity	Max. Marks (CIE)	Total Marks	Min. Passing Marks	C
				Theory	Activity	Total						
1.	Major	As per Basket Major T-3		4	-	4	80	-	20	100	40	4
	Major	As per Basket Major T-4		2	-	2	40	-	10	50	20	2
2.	Minor	As per the Basket Minor T-1		2	-	2	40	-	10	50	20	2
3.	OE	To be selected from common basket. OE-2		4	-	4	80	-	20	100	40	4
4.	VSC	Refer to VSC basket VSC-2		-	4	4	-	50	50	100	50	2
5.	SEC	To be selected from common basket SEC- 2		-	4	4	-	50	50	100	50	2
6.	AEC	Modern Indian Language. AEC- 2		1	2	3	50	-	50	100	40	2
7.	VEC	To be selected from common basket. VEC-2		2	-	2	40	-	10	50	20	2
8.	CC	To be selected from common basket. CC-2		-	4	4	-	50	50	100	50	2
		TOTAL		15	14	29	330	150	270	750	330	22

Note: Semester end examination for subject in Sr. No. 1, 2,3,& 6 will be conducted by the University.

B.A. – Semester – III

Sr. No.	Course Type	Subjects	Course Code	Teaching Scheme			Examination Scheme					Credits
				Total Hours per week			Max. Marks (TH) *	Max Marks Activity	Max. Marks (CIE)	Total Marks	Min. Passing Marks	C
				Theory	Activity	Total						
1.	Major	As per basket Major T-5		4	-	4	80	-	20	100	40	4
	Major	As per Basket Major T-6		2	-	4	40	-	10	50	20	2

Four Year Bachelor of Arts (Honours/Research) Degree Examination as per NEP 2020

2.	Minor	As per basket Minor T-2		4	-	4	80	-	20	100	40	4
3.	OE	To be selected from common basket OE- 3		2	-	2	40	-	10	50	20	2
4.	VSC	Refer to VSC basket VSC- 3		-	4	4	-	50	50	100	50	2
5.	AEC	Modern Language AEC- 3		1	2	3	50	-	50	100	40	2
6.	FP	Field Project EP		-	4	4	-	100	-	100	50	2
7.	CC	To be selected from common basket CC-3		-	4	4	-	50	50	100	50	2
		TOTAL		13	14	29	290	200	210	700	310	20

Note: Semester end examination for subjects in Sr. No. 1,2,3 & 6 will be conducted by the University.

B.A. – Semester – IV

Sr. No.	Course Type	Subjects	Course Code	Teaching Scheme			Max. Marks (TH) *	Examination Scheme				Credits C
				Total Hours per week				Max Marks Activity	Max. Marks (CIE)	Total Marks	Min. Passing Marks	
				Theory	Activity	Total						
1.	Major	As per basket Major T-7		4	-	4	80	-	20	100	40	4
	Major	As per basket Major T-8		2	-	2	40	-	10	50	20	2
2.	Minor	As per basket Minor T-3		4	-	4	80	-	20	100	40	4
3.	OE	To be selected from common basket OE-4		2	-	2	40	-	10	50	20	2
4.	SEC	To be selected from common basket SEC-3		-	4	4	-	50	50	100	50	2
5.	AEC	English-II AEC-4		1	2	3	50	-	50	100	50	2
6.	CEP	Community Engagement Project CEP-1		-	4	4	-	50	50	100	50	2
7.	CC	To be selected from common basket CC-4		-	4	4	-	50	50	100	50	2
		TOTAL		13	14	27	240	200	260	700	320	20

Note: Semester end examination for subjects in Sr. No. 1,2,3,4 & 6 will be conducted by the University.

B.A. – Semester – V

Sr. No.	Course Type	Subjects	Course Code	Teaching Scheme			Examination Scheme					Credits
				Total Hours per week			Max. Marks (TH) *	Max Marks Activity	Max. Marks (CIE)	Total Marks	Min. Passing Marks	C
				Theory	Activity	Total						
1.	Major Major	As per basket Major T-9		4	-	4	80	-	20	100	40	4
		As per basket Major T-10		4	-	4	80	-	20	100	40	4
2.	Major Elective	As per basket ME- 1		4	-	4	80	-	20	100	40	4
3.	Minor	As per basket Minor T-4		4	-	4	80	-	20	100	40	4
4.	VSC	Refer to VSC basket. VSC-4		-	4	4	-	40	10	50	20	2
5.	FP/CEP	Community Engagement Programme FP/CEP-2		-	4	4	-	40	10	50	20	2
		TOTAL		16	08	24	320	80	100	500	200	20

Note:Semester end examination for subjects in Sr. No. 1,2,& 3 will be conducted by the University.

B.A. – Semester – VI

Sr. No.	Course Type	Subjects	Course Code	Teaching Scheme			Examination Scheme					Credits
				Total Hours per week			Max. Marks (TH) *	Max Marks Activity	Max. Marks (CIE)	Total Marks	Min. Passing Marks	C
				Theory	Activity	Total						
1.	Major	As per basket Major T-8		4	-	4	80	-	20	100	40	4
2.	Major	As per basket Major T-9		4	-	4	80	-	20	100	40	4
3.	Major Elective	As per basket ME-2		4	-	4	80	-	20	100	40	4
4.	Minor	As per basket Minor T 5		4	-	4	80	-	20	100	40	4
5.	OJT	On Job Training OJT-1		-	8	8	-	100	-	100	50	4
		TOTAL		16	8	24	320	100	80	500	210	20

Note:Semester end examination for subjects in Sr. No. 1,2,3, & 4 will be conducted by the University.

B. A. Semester – VII (Honours Degree)

Sr. No.	Course Type	Subjects	Course Code	Teaching Scheme			Examination Scheme					Credits
				Total Hours per week			Max. Marks (TH) *	Max Marks Activity	Max. Marks (CIE)	Total Marks	Min. Passing Marks	
				Theory	Activity	Total						
1.	Major	As per basketMajor T-10		4	-	4	80	-	20	100	40	4
	Major	As per basketMajor-T-11		4	-	4	80	-	20	100	40	4
	Major	As per basketMajor-T12		4	-	4	80	-	20	100	40	4
4.	Major Elective	As per basketME-3		4	-	4	80	-	20	100	40	4
5.	Minor	Research Methodology RM-1		4	-	4	80	-	20	100	40	4
		TOTAL		20	-	20	400	-	100	500	200	20

Note:Semester end examination for all the five subjects will be conducted by the University.

B. A. Semester – VIII (Honours Degree)

Sr. No.	Course Type	Subjects	Course Code	Teaching Scheme			Examination Scheme					Credits
				Total Hours per week			Max. Marks (TH) *	Max Marks Activity	Max. Marks (CIE)	Total Marks	Min. Passing Marks	C
				Theory	Activity	Total						
1.	Major	As per basket Major-13		4	-	4	80	-	20	100	40	4
	Major	As per basket Major-14		4	-	4	80	-	20	100	40	4
	Major	As per basket Major-15		4	-	4	80	-	20	100	40	4
2.	Major Elective	As per basket ME-4		4	-	4	80	-	20	100	40	4
3.	OJT	On Job Training OJT-2		-	4	4	-	100	-	100	50	4
		TOTAL		16	4	20	320	100	80	500	210	20

Note:Semester end examination for subjects in Sr. No. 1, 2, 3, & 4 will be conducted by the University

B. A. Semester – VII (Research Degree)

Sr. No.	Course Type	Subjects	Course Code	Teaching Scheme			Examination Scheme					Credits
				Total Hours per week			Max. Marks (TH) *	Max Marks Activity	Max. Marks (CIE)	Total Marks	Min. Passing Marks	C
				Theory	Activity	Total						
1.	Major	As per basket Major T-10		4	-	4	80	-	20	100	40	4
	Major	As per basket Major T-11		4	-	4	80	-	20	100	40	4
2.	Major Elective	As per basket ME-5		4	-	4	80	-	20	100	40	4
3.	Minor	Research Methodology RM		4	-	4	80	-	20	100	40	4
4.	RP	Research Project RP-1		-	4	4	-	50	50	100	50	4
		TOTAL		16	4	20	320	50	130	500	210	20

Note:Semester end examination for subjects in Sr. No. 1,2,3, & 4 will be conducted by the University.

B. A. Semester – VIII (Research Degree)

Sr. No.	Course Type	Subjects	Course Code	Teaching Scheme			Examination Scheme					Credits
				Total Hours per week			Max. Marks (TH) *	Max Marks (PR)	Max. Marks (CIE)	Total Marks	Min. Passing Marks	C
				Theory	Activity	Total						
1.	Major	As per basketMajor-12		4	-	4	80	-	20	100	40	4
	Major	As per basketMajor-13		4	-	4	80	-	20	100	40	4
2.	Major Elective	As per basketME-5		4	-	4	80	-	20	100	40	4
3.	RP	Research ProjectRP-2		-	8	8	-	100	100	200	100	8
		TOTAL		12	08	20	240	100	160	500	220	20

Note:Semester end examination for subjects in Sr. No. 1, 2, & 3, will be conducted by the University.

8. Bachelor of Arts (B.A.) Practical Subjects: Teaching and Examination scheme of Practical Subjects will be provided separately as Annexure.

1. Geography
2. Psychology
3. Social Work
4. Music
5. Fine Arts etc.

9. Grade Conversion Table and Computation of SGPA and CGPA

Grade Conversion Table (Theory)

Mark Range	Grade Point	Letter Grade	Performance	Grade Point (G)
Upto90 – 100	9.00 - 10.00	O	Outstanding	10
Above 80 - < 90	8.00 - < 9.00	A+	Excellent	9
Above70 - < 80	7.00 - < 8.00	A	Very Good	8
Above 60 - < 70	6.00 - < 7.00	B+	Good	7
Above 50- < 60	5.50 - < 6.00	B	Above Average	6
Above 45- < 50	5.00 - < 5.50	C	Average	5
Above 40 - < 45	4.00 - < 5.00	P	Pass	4
Below 40	Below 4	AB	Fail	0
	0	-	Absent	0

Grade Conversion Table (Practical)

Mark Range	Grade Point	Letter Grade	Performance	Grade Point (G)
Above 90 - 100	9.00 - 10.00	O	Outstanding	10
Above 80 - < 90	8.00 - < 9.00	A+	Excellent	9
Above 70 - < 80	7.00 - < 8.00	A	Very Good	8
Above 60 - < 70	6.00 - < 7.00	B+	Good	7
Above 55 - < 60	5.50 - < 6.00	B	Above Average	6
Above 50 - < 55	5.00 - < 5.50	P	Pass	5
Below 50	Below 5	F	Fail	0
-	0	AB	Absent	0

Computation of SGPA & CGPA:

- a. The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student (in all the courses taken by a student) and the sum of the number of credits of all courses undergone by a student, i.e in that semester.

$$\text{SGPA} (S_i) = \Sigma(C_i \times G_i) / \Sigma C_i$$

Where C_i is the number of credits of the i^{th} course and G_i is the grade point scored by the student in the i^{th} course.

Illustration for SGPA

Course	Credit	Grade Letter	Grade Point	Credit Point (Credit X Grade)
Course 1	3	A	8	3x8=24
Course 2	4	B+	7	4x7=28
Course 3	3	B	6	3x6=18
Course 4	3	O	10	3x10=30
Course 5	3	C	0	3x0=0
Course 6	4	B	6	4x6=24
	20			124

Thus, $\text{SGPA} = 124/20 = 6.20$

- b. The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a programme, i.e.

$$\text{CGPA} = \Sigma(C_i \times S_i) / \Sigma C_i$$

where S_i is the SGPA of the i^{th} semester and C_i is the total number of credits in that semester.

Illustration for CGPA

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6
Credit:20 SGPA:6.9	Credit:22 SGPA:7.8	Credit:25 SGPA:5.6	Credit:26 SGPA:6.0	Credit:26 SGPA:6.3	Credit:25 SGPA:8.0

Thus, $CGPA = \frac{20 \times 6.9 + 22 \times 7.8 + 25 \times 5.6 + 26 \times 6.0 + 26 \times 6.3 + 25 \times 8.0}{144} = 6.73$

144

c. The SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts.

d. **CGPA to Percentage (%) conversion formula:**

$$\text{Percentage (\%)} = (\text{CGPA}) \times 10$$

10. General Guidelines:

- Student opting Major from any of the one group (from Group A to Group G) cannot take Minor from the same group. For Example: - A student is opting History as Major from Group B will not be eligible to take the Minor subject from the same Group B. He can opt any other subject as Minor available in other Groups except from Group B.
- A student will be eligible to the fourth year of four year with Research Degree only when she/he scores minimum 7.5 CGPA or 75% in three-year degree.
- For non-credit courses '**Satisfactory**' or '**Unsatisfactory**' shall be indicated instead of the letter grade and this will not be counted for the computation of SGPA/CGPA.
- The baskets of Elective & Vocational Skill Courses are related to the Major, will be given as annexure.
- The baskets of Open Elective Courses, Skill Enhancement Courses and Minor Courses being common will be published separately in Annexure.

11. Credit Specifications:

- Theory/Tutorial Courses: One hour per week will be counted as one credit. A minimum of 15 hours of teaching per credit is required in a semester.
- Laboratory/Performance Based Courses: For one credit a minimum of 30 hours in laboratory or Performance Based activities is required in a semester of the week. Performance based activities include Studio activities, Workshop based activities, internship, Apprenticeship, Field based learning, community engagement learning, etc.
- Each semester will consist of at least 15 weeks of Academic Work equivalent to 90 actual teaching days.

12. Assessment

- The final total assessment of examinees is made in terms of Continuous Internal Assessment (CIE) and Session End Examination (SEE) for each course/subject taken together.
- For each subject mentioned in 10(d) & (e) will be given in the form of Annexure. The examination shall be conducted at college level (Odd semester examinations) and RTM Nagpur University level (Even semester examinations).
- The examination shall be conducted as prescribed above and evaluation system will be prescribed separately by the University.

- d. Expected classroom activities shall consist of the following: (a) Group Discussion (b) Seminars (c) Power Point Presentations (d) Elocution (e) Debate (f) Role Play (g) Presentation of Case Studies (h) Educational Games (i) Subject Quiz. The teacher is expected to undertake a minimum of four of the aforesaid activity.

Continuous Internal Assessment (for 20:80 Scheme subject)

1a	Attendance of the student during a particular semester	05 Marks
1b	An assignment based on curriculum to be assessed by the teacher concerned	05 Marks
1c	Subject wise class test or activities conducted by the teacher concerned	10 Marks
1	Continuous Internal Evaluation Total marks	20

- e. In case of Courses having more than 20 marks for CIE, a scheme of evaluation is published with the details.
- f. The CIE marks will be communicated to the University at the end of each semester, but before the semester end examinations / as instructed by the University. These marks will be considered for the declaration of the results.
- g. The record of CIE marks, evaluation & results should be maintained for a period of one year by the respective institute/college for verification by the competent authority.

13. Standard of Passing

The scope of the subject, percentage of passing in Theory and Project and Internal Assessment will be governed as per following rules:

- (i) In order to pass the Bachelor of Arts (B.A.) 1st, 2nd, 3rd, 4th, 5th, 6th, 7th and 8th Semester Examinations, an examinee shall obtain not less than 40 % (Grade Point 4) marks in each theory course/paper, taking CIE & SEE together. Whereas, for practical/performance-based examination an examinee shall obtain not less than 50 % (Grade Point 5) marks in each practical, taking CIE & SEE together.
- (ii) An examinee who is unsuccessful at the examination shall be eligible for admission to the subsequent examinations on payment of a fresh fee prescribed for the examination together with the conditions for admission to higher semester as per the ordinance in force from time to time.

14. Abbreviations Used:

CIE: Continuous Internal Evaluation, **SEE:** Semester End Examination **OE:** Generic/Open Electives, **VSEC:** Vocational Skills & Skill Enhancement Courses, **VSC:** Vocational Skill Courses, **SEC:** Skill Enhancement Courses, **AEC:** Ability Enhancement Courses, **IKS:** Indian Knowledge Systems, **VEC:** Value Education Courses, **OJT:** On Job Training (Internship/Apprenticeship), **FP:** Field Project, **CEP:** Community Engagement & Service, **CC:** Co-curricular Courses, **RM:** Research Methodology, **RP:** Research Project

15. Provision for Transfer of Credits

The B.A program offered under this direction provides enhanced academic flexibility to students in terms of selecting the courses they want to learn. A student can opt for any course from any statutory/recognized University or a MOOC from SWAYAM/NPTEL in lieu of a course mentioned in this scheme of examination as 'Open Elective', 'Vocational Skill Course' and 'Skill Enhancement Course'. The mechanism for transfer of credits earned through these courses to be adhered is mentioned here:

1. Every student is mandatorily required to create an ID on Academic Bank of Credits (ABC) and shall submit her/his ID to the college.
2. Any subject mentioned in this scheme of examination under 'Open Elective', 'Vocational Skill Course', and 'Skill Enhancement Course' can be opted out by a student for taking a MOOC from SWAYAM/NPTEL learning platform.
3. If a student is willing to opt out any such course, he/she will have to mention this while submitting the examination form to the University for respective semester.
4. A certificate of completion of such an ODL/Online course shall be submitted by the student to the University through college before end term evaluation.
5. Such a certificate shall mandatorily have the number of credits, duration of the course and grades/marks obtained by the student and shall preferably have a QR code for verification.
6. The college shall submit the grades and marks obtained by the student to the University along with Internal Assessment marks for the concerned examination.
7. If a student has opted for an ODL/Online course in a particular semester and failed to submit the certificate within prescribed time, the student will be marked as 'Absent' for a particular subject in that examination. Such a student will be required to fill in the examination form in the consecutive attempt and submit the passing certificate in order to get his/her corrected result.
8. A separate guideline 'Transfer of Credits' issued by the University will be applicable to the students of B. A. Program from the date of its issuance.

NOTE: This scheme of teaching and examination for Four Year Bachelor of Arts (Honours/Research) program shall be effective from the academic session 2023-24 and a comprehensive direction for other regulations in this connection shall be soon issued by the University.

Teaching and Examination Scheme
Bachelor of Commerce (B.Com.)
Three Year Degree Course (OB) (CBCS)
With effect from 2023-24

(A)

Bachelor of Commerce (B.Com.)**B.Com. – Semester I**

Sr. No.	Course Type	Subjects	Course Code	Teaching Scheme	Examination Scheme				Total Marks	Credits
					Total Periods per Week	Max. Marks (TH) *	Max. Marks (CIE)	Total Marks	Min. Passing Marks	
1	CC 1	Fundamentals of Accounting	1T1	5	80	20	100	40	100	4
2	CC 2	Business Economics - I	1T2	5	80	20	100	40	100	4
3	CC 3	Compulsory English	1T3	5	80	20	100	40	100	4
4	CC 4	Second language Supplementary English/ Marathi/ Hindi/ Other Languages # OR Vocational Course	1T4.1 1T4.2 1T4.3	5	80	20	100	40	100	4
5	AEC 1	Commercial Firms OR Digital Marketing (Any One) OR Vocational Course	1T5-A 1T5-B	5	80	20	100	40	100	4



6	SEC 1	Business Skills OR MS-Office (Any One)	1T6-A 1P6-B	5 10	-- --	100 100	100 100	40 50	100 100	4 4
		Total		30	400	200	600	240/250	600	24

* Semester end examination

Note:

1. The duration of each theory class should be a minimum of 48 minutes.
2. TH = Theory, IM = Internal Marks.
3. One credit is equivalent to one hour of Teaching per week, that is to say, for each subject, 48 Minutes * 5 (weekly periods) = 240 Minutes = 4 Hours per week i.e. 4 Credits.
4. Each semester will consist of at least 15 weeks of Academic Work equivalent to 90 actual teaching days.
5. **In case of practical courses the total periods per week should be 10.**
6. For Semesters I, II, III & IV, students shall opt for one subject from Ability Enhancement Courses (AEC) and one subject from Skill Enhancement Courses (SEC). The Core Courses will remain compulsory.
7. The syllabus and question paper pattern of Second Language subject of B. Com. Semester; I, II, III & IV i.e. a) Supplementary English b) Marathi c) Hindi will be as per the Commerce Language Board.
8. # The syllabus and question paper pattern of other second languages like Sanskrit, Urdu, Gujarati, Telegu, Bengali, Persian, Arabic, Pali & Prakrit and Latin will be as per the Boards of the faculty of Arts for B.A. Semester- I, II, III & IV respectively

Vocational Courses: Semester -I

Course Code	Subjects	Total Hours	Examination Scheme				Total Marks (TH. +PR +IM)	Credits
			Theory (Uni)	CIE (College)	Practical (Uni)			
			Marks Theory Paper	Max Marks (IM)	Marks practical (PR)	Min Passing Marks		
1T7	Entrepreneurship Development -I	60	80	20	-	40	100	4

IT8	IT8.1- Computer Application-I OR IT8.2- Principles and Practice of Insurance-I OR IT8.3- Advertising, Sales Promotion & Sales Management-I	60	80	20	-	40	100	4
-----	---	----	----	----	---	----	-----	---

(B)

B.Com. – Semester - II

Sr. No.	Course Type	Course/Subject Name	Course Code	Teaching Scheme	Examination Scheme				Total Marks	Credits
					Total Periods per Week	Max. Marks (TH)*	Max. Marks (CIE)	Total Marks	Min. Passing Marks	
1	CC 5	Statistics and Business Mathematics	2T1	5	80	20	100	40	100	4
2	CC 6	Business Economics - II	2T2	5	80	20	100	40	100	4
3	CC 7	Compulsory English	2T3	5	80	20	100	40	100	4
4	CC 8	Second language Supplementary English/ Marathi/ Hindi/ Other Languages # OR Vocational Course	2T4.1 2T4.2 2T4.3	5	80	20	100	40	100	4

K.P.

5	AEC 2	Commercial Services OR Fundamentals of Banking (Any One) OR Vocational Course	2T5- A 2T5-B	5	80	20	100	40	100	4
6	SEC 2	Financial Markets Operations OR Skill Development (Any one)	2T6- A 2T6-B	5	80	20	100	40	100	4
		Total		30	480	120	600	240	600	24

* Semester end examination

Note:

1. The duration of each theory class should be a minimum of 48 minutes.
2. TH = Theory, IM = Internal Marks.
3. One credit is equivalent to one hour of Teaching per week, that is to say, for each subject, 48 Minutes * 5 (weekly periods) = 240 Minutes = 4 Hours per week i.e. 4 Credits.
4. Each semester will consist of at least 15 weeks of Academic Work equivalent to 90 actual teaching days.
5. **In case of practical courses the total periods per week should be 10.**
6. For Semesters I, II, III & IV, students shall opt for one subject from Ability Enhancement Courses (AEC) and one subject from Skill Enhancement Courses (SEC). The Core Courses will remain compulsory.
7. The syllabus and question paper pattern of Second Language subject of B. Com. Semester; I, II, III & IV i.e. a) Supplementary English b) Marathi c) Hindi will be as per the Commerce Language Board.
8. # The syllabus and question paper pattern of other second languages like Sanskrit, Urdu, Gujarati, Telegu, Bengali, Persian, Arabic, Pali & Prakrit and Latin will be as per the Boards of the faculty of Arts for B.A. Semester- I, II, III & IV respectively.

P.P.

Vocational Courses: Semester -II

Course Code	Subjects	Total Hours	Examination Scheme				Total Marks (TH. +PR +IM)	Credits
			Theory (Uni)	CIE (College)	Practical (Uni)			
			Marks Theory Paper	Max Marks (IM)	Marks Practical (PR)	Min Passing Marks		
2T7	Entrepreneurship Development – II	60	80	20	-	40	100	4
2T8	2T8.1- Computer Application-II OR 2T8.2- Principles and Practice of Insurance-II OR 2T8.3- Advertising, Sales Promotion & Sales Management-II	60	80	20	-	40	100	4

J.P.

Semester-III

Course Code	Subjects	Internal /University Exam.	Total Hours	Marks			Credits
				Semester End Exam.	Internal Assessment	Total Marks	
3T1	Financial Accounting -II	Uni.	60	80	20	100	4
3T2	Business Communication & Management	Uni.	60	80	20	100	4
3T3	Business Law	Uni.	60	80	20	100	4
3T4	Monetary Economics –I	Uni.	60	80	20	100	4
3T5	Compulsory English	Uni.	60	80	20	100	4
3T6	Second Language 3T6.1- Supplementary English 3T6.2- Marathi 3T6.3- Hindi	Uni.	60	80	20	100	4.
Total			360	480	120	600	24

Note-Second Language subject of B. Com. Semester ; I, II, III & IV shall be as follows:

A)The syllabus, question paper pattern and question paper of the following subjects :

1. Supplementary English, 2. Marathi, 3. Hindi will be as per the Commerce Language Board.

B) The syllabus , question paper pattern and question paper of the following subjects :

Sanskrit, Urdu, Gujarathi, Telgu, Bengali, Persian, Arebic Pali & Prakrit, Latin will be as per the Boards of the faculty of Arts for B.A. Semester- I, II, III & IV respectively.

Vocational Courses :Semester-III

Course Code	Subjects	Total Hours	Examination Scheme				Total Marks (TH. + PR + IM)	Credits
			Theory (Uni)	Internal (College)	Practical (Uni)			
			Max Marks Theory Paper (TH)	Max Marks (IM)	Max Marks Practical (PR)	Min Passing Marks		
3T7	Entrepreneurship Development	60	80	20	-	40	100	4
3T8	3T8.1- Computer Application-II or 3T8.2- Principles and Practice of Insurance-II or 3T8.3- Advertising, Sales Promotion & Sales Management-II	60	80	20	-	40	100	4

Semester-IV

Course Code	Subjects	Internal /University Exam.	Total Hours	Marks			Credits
				Semester End Exam.	Internal Assessment	Total Marks	
4T1	Financial Accounting -III	Uni.	60	80	20	100	4
4T2	Skill Development	Uni.	60	80	20	100	4
4T3	Income Tax	Uni.	60	80	20	100	4
4T4	Monetary Economics-II	Uni.	60	80	20	100	4
4T5	Compulsory English	Uni.	60	80	20	100	4
4T6	Second Language 4T6.1- Supplementary English 4T6.2- Marathi 4T6.3- Hindi	Uni.	60	80	20	100	4.
Total			360	480	120	600	24

Note-1. For rest of Indian Languages the code is as per syllabus of B.A. Semester –I

2. Second Language subject of B. Com. Semester ; I, II, III & IV shall be as follows:

A)The syllabus, question paper pattern and question paper of the following subjects :

1. Supplementary English, 2. Marathi, 3. Hindi will be as per the Commerce Language Board.

B) The syllabus , question paper pattern and question paper of the following subjects :

Sanskrit, Urdu, Gujarati, Telgu, Bengali, Persian, Arabic Pali & Prakrit, Latin will be as per the Boards of the faculty of Arts for B.A. Semester- I, II, III & IV respectively.

Vocational Courses :Semester-IV

Course Code	Subjects	Total Hours	Examination Scheme				Total Marks (TH. + PR + IM)	Credits
			Theory (Uni)	Internal (College)	Practical (Uni)			
			Max Marks Theory Paper (TH)	Max Marks (IM)	Max Marks Practical (PR)	Min Passing Marks		
4T7	Entrepreneurship Development-IV	60	80	20	-	40	100	4
4T8	4T8.1- Computer Application-IV or 4T8.2- Principles and Practice of Insurance-IV Or 4T8.3- Advertising, Sales Promotion and Sales Management-IV	60	80	20	-	40	100	4

Semester-V

Course Code	Subjects	Internal /Uni. Examination	Total Hours	Marks			Credits
				Semester End Exam.	Internal Assessment	Total Marks	
5T1	Core Group						
	1. Financial Accounting- IV	Uni.	60	80	20	100	4
5T2	2. Cost Accounting	Uni.	60	80	20	100	4
5T3	3. Management Process	Uni.	60	80	20	100	4
5T4	4. Indian Economics- I	Uni.	60	80	20	100	4
5T5	Elective Group –I 5T5.1 Marketing Management OR 5T5.2 Computerized Accounting	Uni.	60	80	20	100	4
5T6	Foundation Group- I 5T6.1 Business Finance -I OR 5T6.2 Auditing	Uni.	60	80	20	100	4
Total			360	480	120	600	24

Vocational Courses :Semester-V

Course Code	Subjects	Total Hours	Examination Scheme				Total Marks (TH. + PR + IM)	Credits
			Theory (Uni)	Internal (College)	Practical (Uni)			
			Max Marks Theory Paper (TH)	Max Marks (IM)	Max Marks Practical (PR)	Min Passing Marks		
5T7	Entrepreneurship Development-V	60	80	20	-	40	100	4
5T8	5T8.1 Computer Application-V Or 5T8.2 Principles and Practice of Insurance-V Or 5T8.3 Advertising, Sales Promotion and Sales Management-V	60	80	20	-	40	100	4

Semester-VI

Course Code	Subjects	University Examination	Total Internal /Hours	Marks			Credits
				Semester End Exam.	Internal Assessment	Total Marks	
6T1	Core Group 1. Financial Accounting -V	Uni.	60	80	20	100	4
6T2	2.Management Accounting	Uni.	60	80	20	100	4
6T3	3.Advanced Statistics	Uni.	60	80	20	100	4
6T4	4. Indian Economics - II	Uni.	60	80	20	100	4
6T5	Elective Group-II 6T5.1 Human Resource Management OR 6T5.2- Indirect Tax	Uni.	60	80	20	100	4
6T6	Foundation Group- II 6T6.1 Business Finance - II OR 6T6.2 Industrial Law	Uni.	60	80	20	100	4
Total			360	480	120	600	24

Vocational Courses :Semester-VI

Course Code	Subjects	Total Hours	Examination Scheme				Total Marks (TH. + PR + IM)	Credits
			Theory (Uni)	Internal (College)	Practical (Uni)			
			Max Marks Theory Paper (TH)	Max Marks (IM)	Max Marks Practical (PR)	Min Passing Marks		
6T7	Entrepreneurship Development-VI	60	80	20	-	40	100	4
6T8	6T8.1 Computer Application-VI Or 6T8.2 Principles and Practice of Insurance-VI Or 6T8.3 Advertising, Sales Promotion and Sales Management-VI	60	80	20	-	40	100	4

16. Credit Specifications:

- Theory/Tutorial Courses: One hour/credit/week (a minimum of 15 hours of teaching per credit is required in a semester).
- Laboratory/Performance Based Courses: A minimum of 30 hours in laboratory or Performance Based activities is required in a semester. Performance based activities include Studio activities, Workshop based activities, internship, Apprenticeship, Field based learning, community engagement learning, etc.
- Each semester will consist of at least 15 weeks of Academic Work equivalent to 90 actual teaching days.

17. Assessment

- The final total assessment of examinees shall be made in terms of Continuous Internal Assessment (CIE) for 20% component and Session End Examination (SEE) for 80% component for each THEORY course mentioned in the scheme of examination.
- 'On Job Training/SIP' being a PRACTICAL course shall be assessed at college/department level as per the 'Evaluation Rubrics' mentioned in Annexure – III.
- 'Research Project' being a PRACTICAL course shall be assessed at college/department level as per the 'Evaluation Rubrics' mentioned in Annexure – III.
- Expected Performance Based Activities shall consist of the following: (a) Group Discussion (b) Seminars (c) Power Point Presentations (d) Elocution (e) Debate (f) Role Play (g) Case Studies (h) Educational Games. The teacher is expected to undertake a minimum of four of the aforesaid activity.

Continuous Internal Assessment

1a	Attendance of the student during a particular semester	05 Marks
1b	An assignment based on curriculum to be assessed by the teacher concerned	05 Marks
1c	Subject wise class test or Performance Based Activities conducted by the teacher concerned	10 Marks
1	Continuous Internal Evaluation Total marks	20

- The CIE marks will be communicated to the University at the end of each semester, but before the semester end examinations / as instructed by the university. These marks will be considered for the declaration of the results.
- The record of CIE marks, evaluation & results should be maintained for a period of one year by the respective institute/college for verification by the competent authority.

18. Attainment of Course Outcomes

- Continuous Internal Assessment shall be carried out at college/department level in such a way that the attainment of prescribed learning outcomes can be measured. The college/department concerned is required to define evaluation rubrics for 'Performance Based Activities' conducted for CIE.
- Semester End Examinations are conducted by the university. The question papers for these examinations are required to be set in such a way that the attainment of prescribed learning outcomes can be measured.

19. Standard of Passing

The scope of the subject, percentage of passing in Theory and Project and Internal Assessment will be governed as per following rules:

- In order to pass the Master of Commerce (M.Com.) 1st, 2nd, 3rd and 4th Semester Examinations, an examinee shall obtain not less than 40 % (Grade 4) marks in each theory

ANNEXURE – II

M.COM (ACCOUNTING AND TAXATION)

W.E.F. 2023-24

Program Specific Outcomes

PSO 1	The student will be able to apply professional knowledge of accounting and taxation in real life business situations
PSO 2	The student will be able to interpret and analyse the financial statements
PSO 3	The student will be able to demonstrate effective oral and written business communication
PSO 4	The student will be able to implement traditional and modern strategies and practices of costing, management, auditing and taxation
PSO 5	Develop competency in students to make them employable in the accounting and taxation industry

Teaching and Examination Scheme

A teaching and examination scheme for students admitted to the M. Com. (Accounting and Taxation) Program shall be as follows:

Master of Commerce (Accounting and Taxation)

Semester I

Sr. No	Course Type	Subjects	Course Code	Teaching Scheme			Examination Scheme					Credits
				Total Hours Per Week			Max. Marks	Max. Marks	Max. Marks	Total Marks	Min. Passing Marks	
				Theory	Practical	Total	SEE (TH) *	SEE (PR)	(C/E)			
1.	Core	Advanced Financial Accounting – I		4	-	4	80	-	20	100	40	4
2.	Core	Advanced Cost Accounting		4	-	4	80	-	20	100	40	4
3.	Core	Indian Financial System		4	-	4	80	-	20	100	40	4
4.	Elective	Advanced Statistical Techniques OR		4	-	4	80	-	20	100	40	4
		Advanced Auditing OR										
		MOCK										
5.	Core	Research Methodology		4	-	4	80	-	20	100	40	4

				20	20	400		100	500	250	20
--	--	--	--	----	----	-----	--	-----	-----	-----	----

* Semester End Examination which is mandatorily required to be appeared by every student

Note:

1. TH = Theory, CIE= Continuous Internal Evaluation
2. SEE for Theory as well as Practical examinations as mentioned above shall be conducted by the University for all semesters and the CIE shall be conducted by colleges on behalf of the University for all Semesters.

Master of Commerce (Accounting and Taxation)
Semester II

Sr No.	Course Type	Subjects	Course Code	Teaching Scheme			Examination Scheme					Credits
				Total Hours Per Week			Max. Marks	Max. Marks	Max. Marks	Total Marks	Min. Passing Marks	
				Theory	Practical	Total	SEE (TH) *	SEE (PR)	(CIE)			
1.	Core	Advanced Financial Accounting – II		4	-	4	80	-	20	100	40	4
2.	Core	Cost Control and Analysis		4	-	4	80	-	20	100	40	4
3.	Core	Financial Analysis and Control		4	-	4	80	-	20	100	40	4
4.	Elective	Business Ethics and Corporate Social Responsibility OR Advanced Financial Management OR MOOC		4	-	4	80	-	20	100	40	4
5.	Core	On Job Training		-	8	8	-	100	-	100	50	4
				20	-	20	320	100	50	500	250	20

* Semester End Examination which is mandatorily required to be appeared by every student

Note:

1. TH – Theory, CIE= Continuous Internal Evaluation
2. SEE for Theory as well as Practical examinations as mentioned above shall be conducted by the University for all semesters and the CIE shall be conducted by colleges on behalf of the University for all Semesters.

ANNEXURE - I LIST OF MAJOR SUBJECTS AND CURRICULUM

**Master of Commerce (Accounting and Taxation)
Semester III**

Sr. No.	Course Type	Subjects	Course Code	Teaching Scheme			Examination Scheme					Credits
				Total Hours Per Week			Max. Marks	Max. Marks	Max. Marks (CIE)	Total Marks	Min. Passing Marks	
				Theory	Practical	Total	SEE (TH) *	SEE (PR)				
1.	Core	Advanced Management Accounting		4	-	4	80	-	20	100	40	4
2.	Core	Income Tax		4	-	4	80	-	20	100	40	4
3.	Core	Special Areas In Accounting		4	-	4	80	-	20	100	40	4
4.	Elective	Operations Research OR Strategic Management OR MDOC		4	-	4	80	-	20	100	40	4
5.	Core	Research Project		-	8	8	-	100	-	100	50	4
				16	8	24	320	100	80	500	250	20

* Semester End Examination which is mandatorily required to be appeared by every student.

Notes:

1. TH = Theory, CIE= Continuous Internal Evaluation
2. SEE for Theory as well as Practical examinations as mentioned above shall be conducted by the University for all semesters and the CIE shall be conducted by colleges on behalf of the University for all Semesters.

**Master of Commerce (Accounting and Taxation)
Semester IV**

Sr. No.	Course Type	Subjects	Course Code	Teaching Scheme			Examination Scheme					Credits
				Total Hours Per Week			Max. Marks	Max. Marks	Max. Marks (CIE)	Total Marks	Min. Passing Marks	
				Theory	Practical	Total	SEE (TH) *	SEE (PR)				



PSO 2	Demonstrate the ability to apply various theories of business management to solve business problems
PSO 3	Demonstrate effective oral and written business communication
PSO 4	Implement traditional and modern strategies and practices of business management, business economics and allied areas
PSO 5	Develop competency in students to make them employable in the corporate world

Teaching and Examination Scheme

A teaching and examination scheme for students admitted to the M. Com. (Business Studies) Program shall be as follows:

Master of Commerce (Business Studies)

Semester I

Sr. No.	Course Type	Subjects	Course Code	Teaching Scheme			Examination Scheme					Credits
				Total Hours Per Week			Max. Marks SEE (TH) *	Max. Marks SEE (PR)	Max. Marks (CIE)	Total Marks	Min. Passing Marks	
				Theory	Practical	Total						
1.	Core	Organizational Behavior		4	-	4	80	-	20	100	40	4
2.	Core	Business Laws		4	-	4	80	-	20	100	40	4
3.	Core	Managerial Economics		4	-	4	80	-	20	100	40	4
4.	Elective	Fundamentals of Financial Management OR International Business OR MCOX		4	-	4	80	-	20	100	40	4
5.	Core	Research Methodology		4	-	4	80	-	20	100	40	4
				20	-	20	400	-	100	500	200	20

* Semester End Examination which is mandatorily required to be appeared by every student

Note:

- TH = Theory, CIE= Continuous Internal Evaluation
- SEE for Theory as well as Practical examinations as mentioned above shall be conducted by the University for all semesters and the CIE shall be conducted by colleges on behalf of the University for all Semesters.



**Master of Commerce (Business Studies)
Semester II**

Sr. No.	Course Type	Subjects	Course Code	Teaching Scheme			Examination Scheme					Credits
				Total Hours Per Week			Max. Marks	Max. Marks	Max. Marks	Total Marks	Min. Passing Marks	
				Theory	Practical	Total	SEE (TH) *	SEE (PR)	(CIE)			
1.	Core	Indian Financial System		4	-	4	80	-	20	100	40	4
2.	Core	Company Law		4	-	4	80	-	20	100	40	4
3.	Core	Project Management		4	-	4	80	-	20	100	40	4
4.	Elective	Advanced Financial Management OR		3	-	4	80	-	20	100	40	4
		Basics of GST OR										
		MOOC										
5.	Core	On Job Training		-	4	4	-	100	-	100	50	4
				20	-	20	320	100	60	540	230	70

* Semester End Examination which is mandatorily required to be appeared by every student

Note:

3. TH = Theory, CIE= Continuous Internal Evaluation
4. SEE for Theory as well as Practical examinations as mentioned above shall be conducted by the University for all semesters and the CIE shall be conducted by colleges on behalf of the University for all Semesters.

**Master of Commerce (Business Studies)
Semester III**

Sr. No.	Course Type	Subjects	Course Code	Teaching Scheme			Examination Scheme					Credits
				Total Hours Per Week			Max. Marks	Max. Marks	Max. Marks	Total Marks	Min. Passing Marks	
				Theory	Practical	Total	SEE (TH) *	SEE (PR)	(CIE)			
1.	Core	Human Resource Management		4	-	4	80	-	20	100	40	4

ANNEXURE - I LIST OF MAJOR SUBJECTS AND CREDITS

2.	Core	Service Sector Management		4	-	4	80	-	20	100	40	4
3.	Core	Cooperation and Rural Development		4	-	4	80	-	20	100	40	4
4.	Elective	Agricultural Economics OR Indian Banking System OR AGRIC		4	-	4	80	-	20	100	40	4
5.	Core	Research Project		-	8	8	-	100	-	100	50	4
				16	8	24	320	100	80	500	250	20

* Semester End Examination which is mandatorily required to be appeared by every student

Note:

1. TH = Theory, CIE = Continuous Internal Evaluation
2. SEE for Theory as well as Practical examinations as mentioned above shall be conducted by the University for all semesters and the CIE shall be conducted by colleges on behalf of the University for all Semesters.

Master of Commerce (Business Studies) Semester IV

Sl. No.	Course Type	Subjects	Course Code	Teaching Scheme			Examination Scheme					Credits
				Total Hours Per Week			Thry. Marks SEE (TH)	Prac. Marks SEE (PR)	CIE Marks (CIE)	Total Marks	Min. Passing Marks	
				Theory	Practical	Total						
1.	Core	Entrepreneurship Development		4	-	4	80	-	20	100	40	4
2.	Core	Corporate Social Responsibility		4	-	4	80	-	20	100	40	4
3.	Core	Marketing Management		4	-	4	80	-	20	100	40	4
4.	Elective	International Marketing OR Insurance Procedures and Practices OR AGRIC		4	-	4	80	-	20	100	40	4
5.	Core	Research Project		-	12	12	-	100	-	100	50	4
				16	12	28	320	100	80	500	250	20

* Semester End Examination which is mandatorily required to be appeared by every student



5. SEE for Theory as well as Practical examinations as mentioned above shall be conducted by the University for all semesters and the CIE shall be conducted by colleges on behalf of the University for all Semesters.

**Master of Commerce (Industrial Relations and Personnel Management)
Semester II**

Sr. No	Course Type	Subject	Semester Code	Learning Scheme			Examination Scheme					Credit
				Total Hours Per Week			Max. Marks SEE (TH) *	Max. Marks SEE (PR)	Max. Marks (CIE)	Total Marks	Min. Passing Marks	
				Theory	Practical	Total						
1.	Core	Industrial Relation and Trade Union Movement		4	-	4	80	-	20	100	40	4
2.	Core	Labour Laws - II		4	-	4	80	-	20	100	40	4
3.	Core	Labour Cost and Compensation Management		4	-	4	80	-	20	100	40	4
4.	Elective	Global Human Resource Management OR Organizational Development and Quality Management System OR MBOC		4	-	4	80	-	20	100	40	4
5.	Core	On Job Training		-	8	8	-	100	-	100	50	4
				20	-	20	320	100	80	500	250	20

* Semester End Examination which is mandatorily required to be appeared by every student

Note:

1. TH = Theory, CIE = Continuous Internal Evaluation
2. SEE for Theory as well as Practical examinations as mentioned above shall be conducted by the University for all semesters and the CIE shall be conducted by colleges on behalf of the University for all Semesters.

**Master of Commerce (Industrial Relations and Personnel Management)
Semester III**



ANNEXURE - I (SEMESTER V) MAJOR SUBJECTS AND CREDITS (CIE)

Sr. No.	Course Type	Subjects	Course Code	Teaching Scheme			Examination Scheme					Credits
				Total Hours Per Week			Max. Marks SEE (TH) *	Max. Marks SEE (PR)	Max. Marks (CIE)	Total Marks	Min. Passing Marks	
				Theory	Practical	Total						
1.	Core	Industrial Safety Management		4	-	4	80	-	20	100	40	4
2.	Core	Labour Laws - III		4	-	4	80	-	20	100	40	4
3.	Core	Employee Relations and Engagement		4	-	4	80	-	20	100	40	4
4.	Elective	Strategic Human Resource Management OR		4	-	4	80	-	20	100	40	4
		Current Trends in HR Practices OR										
		MOOC										
5	Core	Research Project		-	8	8	-	100	-	100	50	4
				16	8	24	320	100	80	500	250	20

* Semester End Examination which is mandatorily required to be appeared by every student.

Notes:

1. TH = Theory, CIE= Continuous Internal Evaluation
2. SEE for Theory as well as Practical examinations as mentioned above shall be conducted by the University for all semesters and the CIE shall be conducted by colleges on behalf of the University for all Semesters.

Master of Commerce (Industrial Relations and Personnel Management) Semester IV

Sr. No.	Course Type	Subjects	Course Code	Teaching Scheme			Examination Scheme					Credits
				Total Hours Per Week			Max. Marks SEE (TH) *	Max. Marks SEE (PR)	Max. Marks (CIE)	Total Marks	Min. Passing Marks	
				Theory	Practical	Total						
1.	Core	Legal Aspects in Environment Safety		4	-	4	80	-	20	100	40	4
2.	Core	Labour Laws - IV		4	-	4	80	-	20	100	40	4
3	Core	Ethics in HRM		4	-	4	80	-	20	100	40	4



4.	Elective	Human Resource Information Systems OR Human Resource Accounting and Audit OR IMDCC		4	-	4	80	-	20	100	40	4
5.	Core	Research Project			12	12		100		100	50	4
				16	12	28	320	100	80	500	250	20

* Semester End Examination which is mandatorily required to be appeared by every student

Note:

1. TH = Theory, **CIE = Continuous Internal Evaluation**
2. SEE for Theory as well as Practical examinations as mentioned above shall be conducted by the University for all semesters and the CIE shall be conducted by colleges on behalf of the University for all Semesters

Detailed Syllabus M. Com. (Industrial Relations and Personnel Management) Semester - I

CC01: Industrial Psychology

Course Outcomes

CO1	The students will be able to relate the concept of Psychology with Industry
CO2	The students will be able to differentiate types of psychology and will also able to assess impact of psychology on behaviours of individuals.
CO3	The students will be able to conduct psychological tests to measure and evaluate individual and group behaviour
CO4	The student will be able to identify determinants of group behaviour.
CO5	The students will be able to apply the concepts of psychology in Industrial Relations

Unit 1: Introduction of the term 'Industry' and 'Psychology' - Definitions - nature - importance - scope - factors responsible for psychology - behaviour of an individual in an industry - individual difference

Unit 2: Types of Psychology - Types and characteristics of psychology - factors responsible - mental psychology - its impact on behaviour - Difference between male and female psychology - its impact on behaviour - Differentiate between male and female psychology - Its impact on efficiency - productivity etc



अण्णासाहेब गुंडेवार महाविद्यालय

काटोल रोड, नागपूर -440013

दिनांक : 01 / 06 / 2024

— सूचना —

महाविद्यालयातील रा.तु.म. नागपूर विद्यापीठाच्या निर्देश क्र.45/2023 अन्वये महाविद्यालय स्तरावर घेण्यात आलेल्या उन्हाळी-2024 च्या सेमिस्टर 1, 3, 5 च्या समितीची बैठक दि. 03 जून 2024 रोजी सकाळी 11.30 वाजता प्राचार्य कक्षामध्ये आयोजित केली आहे. तरी खालील शिक्षक व शिक्षकेतर कर्मचाऱ्यांनी उपस्थित रहावे.

- 1) डॉ. विना इलमे
- 2) डॉ. मनोज मडावी
- 3) डॉ. धिरज अंबादे
- 4) प्रा. संजय गोहणे
- 5) श्री. खुशाल धोटे



डॉ. गजानन पाटील

प्राचार्य

Principal

Anpasaheb Gundewar College

Katol Road, Nagpur

G-I

ANNASAHEB GUNDEWAR COLLEGE

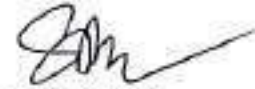
KATOL ROAD, NAGPUR-440013

NOTICE

DATE: 20-03-2024

महाविद्यालयातील बी.ए., बी. कॉम., बी. बी. ए., आणि बी. एस. सी. या अभ्यासक्रमाच्या सेमिस्टर दोन, चार आणि सहा तसेच बी. सी. सी. ए. सेमिस्टर सहा या अभ्यासक्रमाच्या सर्व विषय प्राध्यापकांना सूचित करण्यात येते की, विषयनिहाय पूर्व सत्र परीक्षेच्या विद्यापीठ अभ्यासक्रमानुसार प्रश्न पत्रिका तयार करून त्या विद्यार्थ्यांना त्यांच्या वर्गनिहाय ग्रुपवर पाठविण्यात याव्यात. तसेच सोडविलेल्या उत्तरपत्रिका विद्यार्थ्यांकडून गृहपाठाबरोबर परत घ्याव्यात.

all the teaching faculty of BA, B.Com. B.B.A. B.Sc. (Sem II, IV,VI) and B.C.C.A. (Sem-VI) are hereby informed to set the question papers as per the University pattern and upload the same on students group. Students should be informed to solve the complete question paper and handover to the concerned teacher on day of Viva-voce with their assignment



Principal

Principal
Annasaheb Gundewar College
Katol Road, Nagpur.

ANNASAHAB GUNDEWAR COLLEGE

KATOL ROAD, NAGPUR-440013

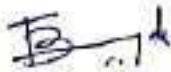
NOTICE

DATE: 20-03-2024

महाविद्यालयातील B. Com., B.B.A. आणि B.C.C.A. अभ्यासक्रमाच्या सर्व विद्यार्थ्यांना सुचित करण्यात येते की, अंतर्गत मूल्यांकन आणि मौखिक परीक्षेसाठी तसेच स्वाध्याय सादर करण्यासाठी खालील वेळापत्रकाचे पालन करावे. तसेच सर्व विषय शिक्षक (इंग्रजी व मराठी माध्यम) वेळापत्रकाप्रमाणे उपस्थित राहतील.

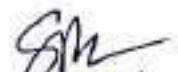
All the B. Com., B.B.A. and B.C.C.A. students of the college are hereby informed to follow the following time-table for submission of Home Assignment and Viva-Voce and all the respective subject teachers should remain present accordingly.

Class	Subjects	Day, Date & time	Venue/Room No.
B. Com. 6 th Semester (English & Marathi medium)	All subjects	Wed, 03/04/2024, 08.00 to 11.00 am	English Med. Room-03 Marathi Med. Room-13
B.B.A. 6 th Semester	All subjects	Wed, 03/04/2024, 08.00 to 11.00 am	Computer Lab.
B.C.C.A. 6 th Semester	All subjects	Wed, 03/04/2024, 08.00 to 11.00 am	Computer Lab.
B. Com. 4 th Semester (English & Marathi medium)	All subjects	Thu., 04/04/2024, 08.00 to 11.00 am	English Med. Room-02 Marathi Med. Room-12
B.B.A. 4 th Semester	All subjects	Thu., 04/04/2024, 08.00 to 11.00 am	Computer Lab.
B. Com. 2 nd Semester (English & Marathi medium)	All subjects	Fri., 05/04/2024, 08.00 to 11.00 am	English Med. Room-03 Marathi Med. Room-11
B.B.A. 2 nd Semester	All subjects	Fri., 05/04/2024, 08.00 to 11.00 am	Computer Lab.



HOD

Commerce & Management



Principal

Annasaheb Gundewar College
Katol Road, Nagpur.



Scanned with OKEN Scanner

अण्णासाहेब गुंडेवार महाविद्यालय, काटोल रोड, नागपूर

सूचना

दिनांक: 21/09/2023

सर्व महाविद्यालयीन नियमित विद्यार्थ्यांना सूचित करण्यात येते की हिवाळी परीक्षा -2023 (1st, 3rd & 5th Semester) करिता परीक्षा आवेदनपत्र खालील दिलेल्या वेळापत्रकानुसार स्वीकारण्यात येईल. विद्यार्थ्यांनी याची नोंद घ्यावी.

वर्ग	दिनांक	वेळ	खिडकी क्र.
बी.एस.सी./बी.सी.सी.ए./बी.बी.ए.भाग (1 st , 3 rd & 5 th Semester)	03 ते 05 ऑक्टोबर 2023	सकाळी 10.30 ते दुपारी 01.30	4
बी.ए.भाग (1 st , 3 rd & 5 th Semester)	06 ते 09 ऑक्टोबर 2023	सकाळी 10.30 ते दुपारी 01.30	4
बी.कॉम.भाग (1 st , 3 rd & 5 th Semester)	10 ते 12 ऑक्टोबर 2023	सकाळी 10.30 ते दुपारी 01.30	4
बी.कॉम.भाग (1 st , 3 rd & 5 th Semester)	13 ते 16 ऑक्टोबर 2023	सकाळी 10.30 ते दुपारी 01.30	4
एम.कॉम.(Gen.), एम.कॉम.(Prof.), एम.ए. (1 st & 3 rd Semester)	13 ते 16 ऑक्टोबर 2023	सकाळी 10.30 ते दुपारी 01.30	4
वरील वेळापत्रकानुसारच परीक्षा फॉर्म (Examination Form) घेण्यात येईल. याची विद्यार्थ्यांनी नोंद घ्यावी.			

- 1) परीक्षा फॉर्म महाविद्यालय दि. 25 सप्टेंबर 2023 पासून उपलब्ध राईल.
- 2) बी.कॉम., बी.ए., बी.बी.ए., बी.एस.सी. च्या (Semester-I) च्या विद्यार्थ्यांना परीक्षा फॉर्म सोबत (12th Marksheet Xerox copy) एक डेरीक्स प्रत जोडणे आवश्यक आहे.
- 3) बी.कॉम., बी.ए., बी.बी.ए., बी.सी.सी.ए., बी.एस.सी. (Semester-V) च्या विद्यार्थ्यांना परीक्षा फॉर्म सोबत (1st, 2nd, 3rd, 4th Semester Marksheet) प्रत्येकी एक डेरीक्स प्रत जोडणे आवश्यक आहे.
- 4) बी.एस.सी., बी.कॉम., बी.ए., बी.बी.ए. (Semester-III) च्या विद्यार्थ्यांना परीक्षा फॉर्म सोबत (1st, 2nd Semester Marksheet) प्रत्येकी एक डेरीक्स प्रत जोडणे आवश्यक आहे.
- 5) एम.कॉम.एम.ए. (Semester-I & III) च्या विद्यार्थ्यांना परीक्षा फॉर्म सोबत (1st, 2nd Semester Marksheet) प्रत्येकी एक डेरीक्स प्रत जोडणे आवश्यक आहे.
- 6) विद्यार्थ्यांनी सुट्टीचे दिवस परीक्षा फॉर्म मध्ये नमूद केलेल्या विद्यापीठाच्या नियमानुसार रु.1000/- प्रत्येक विषयानुसार द्यावे. तसेच भरवाय घ्यावे.

टिप : विद्यार्थ्यांनी परीक्षा फॉर्म सोबत अॅडमिशन पावती/परीक्षा फी भरल्याची पावती जोडावी. ज्या विद्यार्थ्यांनी अॅडमिशन फी पूर्ण नसलेली नसेल त्यांनी बॅलेस फी महाविद्यालयाच्या काँकटरवर भरावी त्याशिवाय परीक्षा फॉर्म घेण्यात येणार नाही, याची विद्यार्थ्यांनी नोंद घ्यावी.


डॉ. राजान पटेल

Principal
Annasaheb Gundewar College
K. Katol Road, Nagpur

ANNASHEB GUNDEWAR COLLEGE, KATOL ROAD, NAGPUR

NOTICE

DATE : 21/09/2023

(For the Regular Students only)

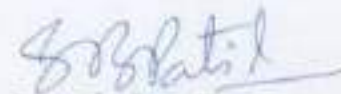
It is notified to all regular students of the college that, Examination forms for Summer-2023 (1st, 3rd & 5th Semester) will be accepted as per schedule given below :

Class	DATE	TIME	COUNTER NO.
B.Sc./B.C.C.A./ B.B.A./ (1 st , 3 rd & 5 th Semester)	03 to 05 October, 2023	10.30 am. To 01.30 pm	4
B.A. (1 st , 3 rd & 5 th Semester)	06 to 09 October, 2023	10.30 am. To 01.30 pm	4
B.Com. (1 st , 3 rd & 5 th Semester)	10 to 12 October, 2023	10.30 am. To 01.30 pm	4
B.Com. (1 st , 3 rd & 5 th Semester)	13 to 16 October, 2023	10.30 am. To 01.30 pm	4
M.Com.(Gen.)/ M.Com.(Prof.)/ M.A. (1 st & 3 rd Semester)	13 to 16 October, 2023	10.30 am. To 01.30 pm	4

Please Note that, under any circumstances no Examination Forms will be accepted after the schedule.

- 1) Blank Exam Forms will be made available in the office from 25th September, 2023 and onwards.
- 2) B.Com., B.A., B.B.A., B.Sc. (Semester-I) students have to attach (12th Marksheet) Xerox copy.
- 3) B.Com., B.A., B.B.A., B.C.C.A., B.Sc. (Semester-V) students have to attach (1st, 2nd, 3rd, 4th Semester Marksheet) Xerox copy.
- 4) B.Sc., B.Com., B.A., B.B.A., (Semester-III) students have to attach (1st, 2nd Semester Marksheet) Xerox copy.
- 5) M.Com.(Gen.)/ M.Com.(Prof.) & M.A. (Semester-I & III Students attach (1st, 2nd Semester) Marksheet Xerox copy.
- 6) As per directions issued by R.T.M. Nagpur University, if students mentioned subject wrongly in the examination form, Rs.1000/- fine will be imposed. Without enrolment No., Exam form may be rejected by the University. In this case, the college will not responsible.

Note: Students have to attach a copy of Admission Slip. If students have paid incomplete College fees they have to pay balance fees & then submit the examination form.



Dr. Gajanan Patil

Principal

Annasaheb Gundewar College
Katol Road, Nagpur



राष्ट्रसंत तुकडोजी महाराज नागपूर विद्यापीठ नागपूर

(सेन्ट्रल प्रोविन्सीय शासन, विभागाची अधिसूचना क्रमांक ५१३ दिनांक १ ऑगस्ट, १९२३ द्वारा स्थापित,
व महाराष्ट्र विद्यापीठ अधिनियम, १९९४ द्वारा संघटित राज्य विद्यापीठ)

गोपनीय विभाग

परीक्षा भवन स्वामीनारायण तंत्रिक संस्था परीसर, अमरावती मार्ग, नागपूर-४४० ०१०
दुरध्वनी क्र. ०७१२-२५२३२९८, ५६६६८७५ फॅक्स ०७१२-२५४६२६३

परीपत्रक

क/गोप/हिवाळी/२०२३/१०१०

दिनांक : २४/११/२०२३

प्रति,

प्राचार्य/संचालक/विभागप्रमुख,

रा.तु.म.नागपूर विद्यापीठ नागपूर

संलग्नीत संबंधीत महाविद्यालये,

विषय: - B.Com./B.C.C.A. & B.B.A.Semester - I & III (O.B. & C.B.C.S.) व
B.Com./B.C.C.A. & B.B.A.Semester - V (C.B.S.) अभ्यासक्रमातील परीक्षेचे
Internal, Practical & Theory Assessment Marks च्या Online
Hard Copies पाठविण्याबाबत

महोदय/महोदया,

उपरोक्त विषयाच्या अनुषंगाने आपणांस विनंती करण्यात येत आहे की की, हिवाळी २०२३ सत्रातील वाणिज्य व व्यवस्थापन विद्याशाखे (Faculty Of Commerce & Management) अंतर्गत घेण्या-या महाविद्यालयीन स्तरवर घेण्यात येत असलेल्या B.Com./ B.C.C.A. & B.B.A.Semester - I & III (O.B. & C.B.C.S.) व B.Com./ B.C.C.A. & B.B.A.Semester - V (C.B.S.) या अभ्यासक्रमातील परीक्षेचे Internal, Practical & Theory Assessment Online Marks सदर अभ्यासक्रमाची लेखी परीक्षा आटोपल्यावर तसेच विद्यापीठाकडून Online Portal वरील Link सुरू झाल्यापासून दहा दिवसांचे आत प्राचार्य संबंधीत शिबक व प्राचार्य/संचालक/ विभागप्रमुख यांनी सत्यापन (Verify) करून प्राचार्य/संचालक/स्वाक्षरीने वेगवेगळ्या लिफाफ्यात सिलबंद व महाविद्यालयाच्या एकाच लेटरहेडवर (College Covering Letter वर) नमुद करून एकाचवेळी गोपनीय विभागाकडे सादर कर करण्यात यावी व त्याची पोचपावती घ्यावी.

ज्या महाविद्यालयाने/संस्थेने अर्धवट तसेच काही कारणास्तव Online Portal वर Upload केलेल्या Internal, Practical & Theory Assessment च्या Hard Copies गोपनीय विभागाकडे सादर केल्यास त्यामधील विद्यार्थ्यांचे निव्वाल अनुपस्थित (Absent) व स्थगित (Withheld) राहिल्यास त्याची सर्व जबाबदारी सदर महाविद्यालयाची राहिल, वरील नमुद सर्व गुण पाठविण्याची Link सुरू झाल्यानंतर दहा दिवसांचे आत सर्व गुण सादर न केल्यास प्रती विषय प्रती दिवस १०००/- प्रमाणे दंड आकारण्यात येईल याची कृपया दक्षता घेऊन गुण सादर करावे ही विनंती.

सहाय्यक कुलसचिव (गोपनीय),
राष्ट्रसंत तुकडोजी महाराज
नागपूर विद्यापीठ, नागपूर

अण्णासाहेब गुंडेवार महाविद्यालय

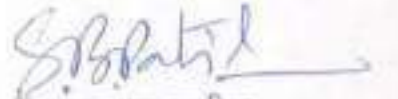
काटोल रोड, नागपूर -13

दि. 01/12/2023

सूचना

रा.तु.म. नागपूर विद्यापीठ परीपत्रक क्र.गोप/हिवाळी/2023/1090 दि. 24/11/2023 यांच्या पत्रान्वये महाविद्यालयीन सतरावर हिवाळी-2023 सत्रातील घेण्यात येते असलेल्या B.A., B.Sc., B.Com./B.C.C.A. & B.B.A.Semester I, III, V (O.B., C.B.C.S., C.B.S.) या अभ्यासक्रमातील परीक्षेचे Internal, Practical & Theory Assessment Online Marks सदर अभ्यासक्रमाची लेखी परीक्षा आटोपल्यावर तसेच विद्यापीठाकडून Online Portal वरील Link सुरु झाल्यापासून दहा दिवसाचे आत संबंधित प्राध्यापक व विभागप्रमुखांनी सत्यापन करून प्राचार्यांच्या स्वाक्षरीने वेगवेगळ्या लिफाफ्यात सिलबंद व महाविद्यालयाच्या College Covering Letter वर नमुद करून एकाचवेळी गोपनीय विभागाकडे सादर करावे. याची सर्व प्राध्यापक व विभागप्रमुखांनी नोंद घ्यावी.

रखिल : रातुम नागपूर विद्यापीठ फा


डॉ. गंजानन पाटील

प्राचार्य

Principal

Annasahab Gundewar College

Katol Road, Nagpur



B.Sc. Fifth Sem., Winter, 2023
(483)

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

B.Sc. FIFTH SEMESTER EXAMINATION OF WINTER 2023

Note :- College Level Examination. This Time Table is applicable to Regular Students of Bachelor of Science 5th Semester.

-(PROGRAMME (WRITTEN))-

TIME:-1.30 P.M. TO 4.30 P.M.

Day	Date	Subject	Paper
Thursday	23-11-2023	Statistics / Microbiology / Geology	I
Saturday	25-11-2023	Bio-Chemistry / Electronics / Environmental Science	I
Tuesday	28-11-2023	Statistics / Microbiology / Geology	II
Thursday	30-11-2023	Bio-Chemistry / Electronics / Environmental Science	II
Saturday	02-12-2023	Physics / Zoology / Industrial Chemistry	I
Monday	04-12-2023	Physics / Zoology / Industrial Chemistry	II
Thursday	07-12-2023	Computer Science / Bio-Technology	I
Saturday	09-12-2023	Chemistry	I
Monday	11-12-2023	Botany / Mathematics	I
Wednesday	13-12-2023	Chemistry	II
Friday	15-12-2023	Computer Science / Bio-Technology	II
Monday	18-12-2023	Botany / Mathematics	II

GENERAL INSTRUCTIONS FOR SEATING ARRANGEMENT

The examination Centre for college-level examination is the respective college where the student is admitted.

Nagpur

Date: 27th October 2023

Chief Officer

Sd/-
Director
Board Of Examination & Evaluation
Rashtrasant Tukadoji Maharaj
Nagpur University

अण्णासाहेब गुंडेवार महाविद्यालय काटोल रोड नागपूर

महाविद्यालयीन परीक्षा समिती

दिनांक 23/1/2024

सूचना

महाविद्यालयातील सर्व शिक्षकांना सुचित करण्यात येते की राष्ट्रसंत तुकडोजी महाराज नागपूर विद्यापीठ हिवाळी परीक्षा 2023 सेमेस्टर 3 व 1 चे गुण भरण्यासाठी लिंक उपलब्ध झालेली आहे करिता आपण मूल्यांकन केलेल्या विषयाचे गुण भरण्यासाठी डॉ. धीरज अंबाडे, व प्रा. संजय मोहणे यांच्याकडून यादी (control sheet) घेऊन विद्यापीठाच्या संकेतस्थळावरती गुण अपलोड करावे व गुण भरलेल्या यादीच्या दोन प्रती न चुकता महाविद्यालयीन परीक्षा समितीस सादर करून सहकार्य करावे. गुण भरण्यासंबंधी काही त्रुटी झाल्यास त्याची सर्वस्वी जबाबदारी संबंधित प्राध्यापकाची राहिल व त्याकरिता परीक्षा विभाग जबाबदार राहणार नाही.



प्राचार्य

Principal

Annasaheb Gundewar College
& Katol Road, Nagpur.

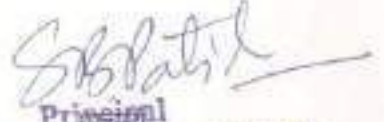
अण्णासाहेब गुंडेवार महाविद्यालय काटोल रोड नागपूर

महाविद्यालयीन परीक्षा समिती

दिनांक 21.12.2023

सूचना

महाविद्यालयातील सर्व शिक्षकांना सुचित करण्यात येते की राष्ट्रसंत तुकडोजी महाराज नागपूर विद्यापीठ हिवाळी परीक्षा 2023 चे गुण भरण्यासाठी तिक उपलब्ध झालेली आहे करिता आपण मूल्यांकन केलेल्या विषयाचे गुण भरण्यासाठी डॉ. धीरज अंबाडे, व. प्रा. संजय गोहणे यांच्याकडून यादी (control sheet) घेऊन विद्यापीठाच्या संकेतस्थळावरती गुण अपलोड करावे व गुण भरलेल्या यादीच्या दोन प्रती न चुकता महाविद्यालयीन परीक्षा समितीस सादर करून सहकार्य करावे. गुण भरण्यासंबंधी काही चुटी झाल्यास त्याची सर्वस्वी जबाबदारी संबंधित प्राध्यापकाची राहिल व त्याकरिता परीक्षा विभाग जबाबदार राहणार नाही.


Principal
Annasaheb Gundewar College
Katol Road, Nagpur

अण्णासाहेब गुंडेवार महाविद्यालय नागपूर-440013

सूचना

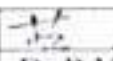


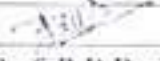
दिनांक 17/10/2023

महाविद्यालयातील सर्व प्राध्यापकांना सुचित करण्यात येते की, B.A; B.Com; BBA, B.Sc सत्र I, III व V आणि BCCA सत्र V च्या सर्व विषय प्राध्यापकांनी हिवाळी सत्रपूर्व परीक्षा 2023 च्या प्रश्नपत्रिका काढून विद्यार्थ्यांच्या Whats App ग्रुपवर दिनांक 20 ऑक्टोबर 2023 पर्यंत प्रसारित कराव्या आणि सोडविलेल्या उत्तरपत्रिका 30 ऑक्टोबर 2023 रोजी किंवा त्यापूर्वी विषय प्राध्यापकांकडे सादर करण्यास विद्यार्थ्यांना कळवावे. आपणास असेही सुचविण्यात येते की विषयनिहाय तयार केलेल्या प्रश्न पत्रिकांची एक प्रत(हार्ड कॉपी) विभाग प्रमुखाकडे सादर करावी.

Notice

All the subject teachers of the College are hereby informed that the question papers for Winter-2023 Pre-semester examination of B.A; B.Com ; BBA; B.Sc (Sem I,III,V) and BCCA (V Sem) should be circulated among students' WhatsApp group on or before 20th October 2023. The students are directed to submit Solved Answer sheets with respective subject Teachers on or before 30th October 2023.

Subjects Teachers are also directed that they should submit hard copies of question papers to the HoD of Faculties on or before 30th October 2023.

 Dr. B.V. Nannawre HoD Humanities	 Dr. G.B. Bagde HoD Commerce	 Dr. P.D. Deshmukh	 Prof. R.B. Burile Incharge Humanities (English Medium)
--	---	---	---


Principal
Annasaheb Gundewar College
Katol Road, Nagpur.



Village Uplift Society's

Est : 1984

ANNASAHEB GUNDEWAR COLLEGE

GUNDEWAR MARG, CHHAONI, KATOL ROAD, NAGPUR - 440 013. (M.S.) INDIA
Website : www.gundewarcollege.com • E mail : info@gundewarcollege.com, sg.college@yahoo.in

DR. GAJANAN B. PATIL

M. Com., M. A. (Eco.), M. Phil. (Com. & Eco.), Ph. D., M. B. A., M. L. S.
Principal

(O) 0712 - 2591008

Fax : 0712-2591735

Ref. No. AGC/649/2024

Date : 17/05/2024

प्रति,

डॉ. मनोज मडावी

सहाय्यक प्राध्यापक इंग्रजी विभाग

विषय : रा.तु.म. नागपूर विद्यापीठ उन्हाळी-2024 च्या परीक्षेकरिता दि. 20 ते 21/05/2024
या दोन दिवसाकरिता प्रभारी मुख्य परीक्षा पर्यवेक्षक म्हणून आपल्या नियुक्तीबाबत

वरील विषयाच्या अनुषंगाने आपणास कळविण्यात येते की, राष्ट्रसंत तुकडोजी महाराज
नागपूर विद्यापीठ, नागपूर उन्हाळी-2024 परीक्षा महाविद्यालयाच्या केंद्रावर सुरु असून या
परीक्षेच्या मुख्य परीक्षा पर्यवेक्षक डॉ.श्रीमती.एम.आर.ठाकरे, या काही खाजगी कारणामुळे
दि. 20 व 21/05/2024 रोजी परीक्षा केंद्रावर उपस्थित राहणार नाही.

करिता दि. 20 व 21/05/2024 या दोन दिवसाकरिता त्यांच्या अनुपस्थितीत आपली
नियुक्ती महाविद्यालयाच्या परीक्षा केंद्रावर प्रभारी मुख्य परीक्षा पर्यवेक्षक म्हणून करण्यात येत
आहे.

तरी परीक्षेची जबाबदारी सुनियोजित पद्धतीने पार पाडावी ही अपेक्षा.

डॉ. गजानन पाटील

प्राचार्य

Principal

Annasaheb Gundewar College
Katol Road, Nagpur

प्रतिलिपी : मा. अध्यक्ष/सचिव, ग्रामीण विकास संस्था, नागपूर यांच्या माहितीस्तव सादर



Scanned with OKEN Scanner



Village Uplift Society's

Est : 1984

ANNASAHB GUNDEWAR COLLEGE

GUNDEWAR MARG, CHHAONI, KATOL ROAD, NAGPUR - 440 013. (M.S.) INDIA
Website : www.gundewarcollege.com • E mail : info@gundewarcollege.com, ag.college@yahoo.in

DR. GAJANAN B. PATIL

M. Com., M. A. (Eco.), M. Phil. (Com. & Eco.), Ph. D., M. B. A., M. L. S.
Principal

(O) 0712 - 2591008

Fax: 0712-2591735

Ref. No. *AGC/388/23*

Date : *31/10/2023*

प्रति,
डॉ. मनोज मडावी
सहाय्यक प्राध्यापक इंग्रजी विभाग

विषय : हिवाळी 2023 च्या महाविद्यालय स्तरावरील विद्यापीठाच्या निर्देश क्र. 3/2022 नुसार
परीक्षेचे सदस्य म्हणून आपल्या नियुक्तीबाबत

वरील विषयाच्या अनुषंगाने हिवाळी 2023 करीता राष्ट्रसंत तुकडोजी महाराज नागपूर
विद्यापीठाच्या निर्देश क्र.3/2022 अन्वये महाविद्यालय स्तरावर होणाऱ्या सेमिस्टर 1, 3, 5 च्या
परीक्षेचे समितीचे सदस्य म्हणून आपली नियुक्ती करण्यात येत आहे.

तरी परीक्षेची जबाबदारी सुनियोजित पद्धतीने पार पाडावी ही अपेक्षा.

डॉ. गंजानन पाटील

प्राचार्य

Principal

Annasaheb Gundewar College

Katol Road, Nagpur

**RASTRASANT TUKDOJI MAHARAJ NAGPUR
UNIVERSITY NAGPUR**

B.Sc :- REGULAR 1ST Year B.Sc 2nd SEM For Summer 2024

**College :- Annasaheb Gundewar College of Arts & Commerce College (008)
Katol Road Nagpur -13**

PRATICAL EXAM SUMMER 2024


Subject :- Zoology

Date :- 26/06/2024


Time : 5Hr

Maximum mark – 30

-
- | | |
|--|-----|
| Q.1 Identification and comments on given spots | 08m |
| a) Crab | |
| b) Limulus | |
| c) Pila | |
| d) Asterias | |
| e) Balanoglossus | |
| f) Nauplius Larva | |
| g) Veliger Larva | |
| h) Bipinnaria Larva | |
| Q.2 Describe and Draw well labelled diagram of Alimentary Canal of Cockroach | 08m |
| Q.3 Identify the picture of Ultrastructure of Eukaryotic Cell | 04m |
| Q.4 Permanent Stain Preparation of the given material | 03m |
| Q.5 Submission of Certified Practical Record | 03m |
| Q.6 Submission of Slides | 02m |
| Q.7 Viva Voice | 02m |


Internal Examiner

Dr. A. Shirreen Zohal
Assistant Professor (Dept of Zoology)
SFS College
Nagpur


External Examiner

B.Sc.:- REGULAR F.Y.B.Sc. 2nd Semester For Summer-2024

PRACTICAL EXAM SUMMER-2024

FOL-COUNTER FOL.

DATE: 26/06/1974

nester For Summer-2024

COLLEGE (008), KATOL ROAD,
(3)

summer-2024

LOGY

2008

Sl. No.	Student's name	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Total
1	AKANSHA GANESH SONERAR	—	—	—	A _B	—	—	—	—
2	AMRIN FATENA HARUN PATHAN	04	06	05	03	03	02	02	24
3	ANANDI ANILKUMAR PENDE	07	07	04	03	03	02	02	28
4	KAUSARUJHA SAGIR AHMED SHAIKH	—	—	—	A _B	—	—	—	—
5	KUNALI LAKMAN CHANDEKAR	—	—	—	A _B	—	—	—	—
6	MAYURI DHARMENDRA DONGRE	06	06	04	03	02	02	02	25
7	MAZIBA FATENA WAJID SAHEB QUAZI	—	—	—	A _B	—	—	—	—
8	PRACHI CHANDRAPRAKASH BANGARE	07	07	04	03	03	02	02	28
9	SHAMAL SATISH TEMBHURNE	07	06	04	03	03	02	02	27
10	SILVIYA SUKHOV INWATE	—	—	—	A _B	—	—	—	—
11	SUKANI RAJNANS RAUT	05	06	04	03	03	02	02	25
12	YEMAN RAZA IOBRAL KAJA	07	06	04	03	02	02	02	26
13	ATHARV RAJENDRA NIMBALKAR	—	—	—	A _B	—	—	—	—
14	KHUBAB ANSARI MOHD MUSTAFA ANSARI	—	—	—	A _B	—	—	—	—
15	MOHD ALTANASH NIYAZ AHMAD	—	—	—	A _B	—	—	—	—
16	KHURSHID ANSARI MOHD MUSTAFA JAMAL	—	—	—	A _B	—	—	—	—
17	RENAN SAGIR AHMED SHEIKH	—	—	—	A _B	—	—	—	—
18	SARTHAK SANTOSH SAHARE	—	—	—	A _B	—	—	—	—

Signature _____

Lava AB
AB
Blood AB
AB
Dwarf AB
Skin AB
Fish AB
Vaccines AB
AB
AB
AB
AB
AB
AB

INTERNAL EXAMINER

Dr. A. Shivanisobal
STS College
Nagpur.

EXTERNAL EXAMINER

M.P. Bumbate,
Bhamburda Sci. College
Solan.

INTERNAL EXAMINER

EXTERNAL EXAMINER
AIP - Brachner
Zustimmung: Biologie Sci. Coll.
Seemann.

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR

B.Sc (Regular) F.Y.B.Sc. SECOND SEMESTER for SUMMER-2024 Exam

College: Annasaheb Gundewar College of Arts & Commerce College (008)

Katol Road Nagpur-13.

PRACTICAL EXAM SUMMER-2024

CLASS- B.Sc. SEM-II

Subject: Chemistry

Time: 5Hr

Total Mark: 30

Date: 27/06/24

Q.1: Organic Chemistry Practical	10M
A) Detection of functional group in organic compound.	
Q.2: Physical Chemistry Practical	10M
A) To determine heat of solution and heat dilution of potassium nitrate	
Q.3: Viva Voce	05M
Q.4: Practical Record and Excursion Report	05M

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR

B.Sc (Regular) F.Y.B.Sc. SECOND SEMESTER for SUMMER-2024 Exam

College: Annasaheb Gundewar College of Arts, Commerce & Science
Katol Road, Nagpur -440013

PRACTICAL EXAM WINTER-2023

FOIL/COUNER FOIL

Total student : 31

Absent student : 15

Present student : 16

Subject: CHEMISTRY

DATE: 27/06/2024

Sr. no	Student name	Sign	Marks in no.	Marks in words
1	KHUBABAMOHD ANSARI	Absent		
2	ANANDI PENDSE	Pendse	26	Twenty six
3	KUNALI CHANDEKAR	Absent		
4	YAMAN RAZA	Raza	22	Twenty two
5	MAZIBA QUAZI	Absent		
6	SARTHAK SAHARE	Absent		
7	MAYURI DONGRE	M Dongre	22	Twenty two
8	ATHARVA NIMBALKAR	Absent		
9	SUHANU RAUT	S Raut	24	Twenty four
10	SILVIYA IWNATE	Absent		
11	AMRIN PATHAN	Amrin	21	Twenty one
12	SHAMAL TEMBHURNE	Shamla	21	Twenty one
13	ALTAMASH ANSARI	Absent		
14	KAUSAR SHEIKH	Absent		
15	REHAN SHEIKH	Absent		
16	PRACHI RANGARE	P Rangare	27	Twenty seven
17	AKANSHA SONEKAR	Absent		

	HARSH BANSOD	Harsh	19	Nineteen
✓	MADHURI BARSAGADE	Madhuri	15	Fifteen
	KASHISH KOTPALLIWAR	Kashish	26	Twenty six
	HARSHA SOMALWAR	Harsha	23	Twenty three
	ROHANSHI WAGHMARE	Absent		
	MEGHA PARTETI	Absent		
	GUNGUN SHAHANE	Gungun	22	Twenty two
✓	CHAITALI NANHE	Chaitali	21	Twenty one
	ALOK SAKHARE	Absent		
7	TANVI SAPNAR	Tanvi	20	Twenty only
8	KRUNAL PATLE	Absent		
9	MANASWI MARASKOLHE	M. K. Maraskolhe	23	Twenty three
0	SWAYAM RATHOD	Swayam	19	Nineteen
1	AMAN BARI	Absent		

off

EXTERNAL EXAMINER

(Dr. P. M. Chafle)

Chafle

INTERNAL EXAMINER

Dr. A. D. G. G. G. G.

RASTRASANT TUKDOJI MAHARAJ NAGPUR
UNIVERSITY NAGPUR

B.Sc :- REGULAR 1st Year B.Sc2nd SEM For Summer 2024

College :- Annasaheb Gundewar College of Arts & Commerce College (008)
Katol Road Nagpur -13

PRATICAL EXAM SUMMER 2024

Subject :- Botany

Date :- 25/06/2024

Time : 5 Hr

Maximum mark - 30

- Q1. Identify & give characters of given Pteridophytic material [A] and make temporary mount. Selaginella (stem) 04M
- Q2. Identify & give characters of the given Gymnospermic material [B] and make temporary mount. Cycas (Rachis) 04M
- Q3. To study the physical and chemical properties of given soil sample [C]. 03M pH of sandy and silt soil
- Q4. Describe the given leaf material [D]. Mangifera Indica 03M
- Q5. Describe (Calyx, Corolla, Androecium & Gynoecium) of given flower [E]. 03M C. Vinca rosea
- Q6. Spotting :
[F] Paleobotany Glossopteris [G] Pteridophyte Rhynia [H] Vegetative morphology Nerium 05M
[I] Fruit Pineapple [J] Floriculture Gerbera
- Q7. Viva voice. 03M
- Q8. Practical Record & Excursion Report. 05M

N. Naqvi
Internal Examiner

Dr N. NAQVI
SFS College
Nagpur

Dr R. P. Sawarkar
External Examiner

Dr. R. P. Sawarkar
Shivaji Science
College, Nagpur

RASHTRASANT TUKDOJI MAHARAJ NAGPUR UNIVERSITY

B.Sc.: REGULAR F.Y.B.Sc. 2nd Semester For Summer-2024

College:- ANNASAHEB GUNDEWAR COLLEGE (008), KATOL ROAD,
NAGPUR -13

PRACTICAL EXAM SUMMER-2024

SUBJECT:- BOTANY

FOIL/COUNTER FOIL

DATE:- 25/06/2024

Maximum marks 30

No of students present 28

No of students absent 10

Sr. No.	Student's name	Signature	Marks in no.	Marks in words
1	AKANSHA GANESH SONEKAR		Ab	
2	AMRIN FATEMA HARUN PATHAN		21	Twenty one
3	ANANDI ANILKUMAR PENDSE		23	Twenty three
4	KAUSARJAH SAGIR AHMED SHAIKH		Ab	
5	KUNALI LAXMAN CHANDEKAR			
6	MAYURI DHARMENDRA DONGRE		18	Eighteen
7	MAZIBA FATEMA WAKIL SAHEB QUAZI		Ab	
8	PRACHI CHANDRAPRAKASH RANGARE		23	Twenty three
9	SHAMAL SATISH TEMBHURNE		23	Twenty three
10	SILVIYA SUKHDEV INVATE		Ab	
11	SUHANU RAJHANS RAUT		22	Twenty two
12	YEMAN RAZA IQBAL RAJA		17	Seventeen
13	ATHARV RAJENDRA NIMBALKAR		Ab	
14	KHUBAB ANSARI MOHD MUSTAFA ANSARI		Ab	
15	MOHD ALTAMASH NIYAZ AHMAD		Ab	
16	KHURSHID ANSARI MOHD MUSTAFA JAMAL		Ab	
17	REHAN SAGIR AHMED SHEIKH		Ab	
18	SARTHAK SANTOSH SAHARE		17	Seventeen

N. Nagvi
INTERNAL EXAMINER

Dr N. NAGVI
SFS College
Nagpur

EXTERNAL EXAMINER

Dr. R. P. Sawalkar
Shivaji science College
Nagpur

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

B.Sc :- Regular F.Y.B.S.C Second Semester

PRACTICAL EXAM SUMMER :-2024

: Name of the Pratical Centre:

ANNASAHEB GUNDEWAR COLLEGE, KATOL ROAD, NAGPUR

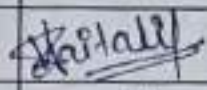
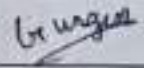


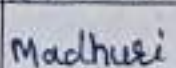
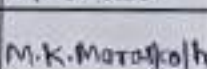
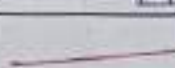
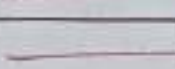
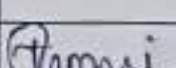
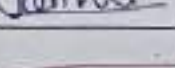
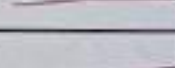
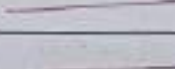
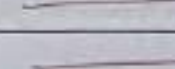
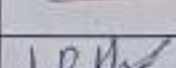
Maximum Marks-30

Subject:- PHYSICS

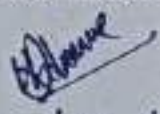
Date 28/06/2024

Foil/Counter Foil

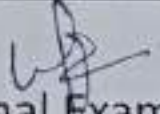
Total No. of Student. 14 , Present 08 , Absent 06 .

Sr. No	Seat Number	Student Name	Signature	Marks in No.	Marks in Word
1		Chaitali Mahadev Nanahe		26	Twenty six
2		Gungun Deepak Sahane		22	Twenty two
3		Harsha Shrikant Somalwar		26	Twenty six
4		Kashish Sanjeev Kotpalliwar		23	Twenty three
5		Madhuri Rameshwarao Barsagade		22	Twenty two
6		Manaswi Kailash Maraskhole		26	Twenty six
7		Megha Chammilal Parteti		AB	
8		Roshani Sunil Waghamare		AB	
9		Tanvi Deepakrao Sapnar		21	Twenty one
10		Alok Prakash Sakhare		AB	
11		Aman Kameshwar Prasad		AB	
12		Harsh Sanjeev Bansod		AB	
13		Krunal Ramesh Patle		AB	
14		Swyam Harishsingh Rathod		26	Twenty six

Internal Examiner


(Latit P. Chandel
Kiclop college,
Nagpur)

External Examiner


Dr. L. R. Hatwar
K. R. Pandav
Mahavidyalaya
Nagpur

RASHTRASANT TUKDOJI MAHARAJ NAGPUR UNIVERSITY

B.Sc.: - REGULAR S.Y.B.Sc. FOURTH Semester For Summer-2024

College:- ANNASAHEB GUNDEWAR COLLEGE (008), KATOL ROAD,
NAGPUR -13

PRACTICAL EXAM SUMMER-2024

SUBJECT:- BOTANY

✓
FOIL COUNTER FOIL

DATE:- 20/06/24

Maximum marks 50

No of students present 28

No of students absent 02

Sr. No.	Student's name	Signature	Marks in no.	Marks in words
1	ASHWINI RAVINDRA NEUL	<i>Neul</i>	27	Twenty seven
2	CHAITALI SUNIL JADHAV	<i>Chaitali</i>	25	Twenty five
3	ISHA ANAND PATLE			
4	MONIKA SHASHIKANT KURYAWANSHI			Ab
5	NATASHA JITENDRA SHENDE			Ab
6	PRANALI DILIP DHOLE			Ab
7	TISHIKA NANDKISHOR DHURVE	<i>Dhurve</i>	25	Twenty five
8	VAISHNAVI RAJESH CHINCHULKAR	<i>Chinchulkar</i>	21	Twenty one
9	ZUBIYA ABID ALI	<i>Zubiya</i>	20	Twenty
10	JORDEN ALFRED SIMON	<i>Jorden</i>	24	Twenty four
11	TEJAS MAHANAND SALVE	<i>Salve</i>	24	Twenty four
12	NILESH BASANT PATLE		28	Twenty eight
				Ab

M. Bhonde
INTERNAL EXAMINER

Dr. Madhuri Bhonde
SMM, Hingna

C. Jadhav
EXTERNAL EXAMINER

Mrs. M. Jadhav
W. A. S. College

**RASTRASANT TUKDOJI MAHARAJ NAGPUR
UNIVERSITY NAGPUR**

B.Sc :- REGULAR 2nd Year B.Sc 4th SEM For Summer 2024

**College :- Annasaheb Gundewar College of Arts & Commerce College (008)
Katol Road Nagpur -13**

PRATICAL EXAM SUMMER 2024

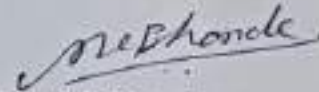
Subject :- Botany

Date :- 20/06/2024

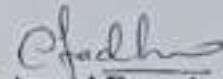
Time : 5 Hr

Maximum mark - 30

-
1. Prepare semi permeable squash / smear of given material [a] & identify the stage of cell division.
04M (onion root tip)
 2. To solve the given problem of biostatistics from given data [b] 03M
(calculate mean and std deviation)
 3. To determine seed viability of the given seeds [c] and report the findings. 03M
(Trigonella foenum-graecum)
 4. To prove Mendel's Law of Inheritance through coloured beads [d] 04M
 5. To work out the type of gene interaction in the given cross from the given data.
04M (incomplete dominance)
 6. Spotting : 04M
 - f. Cell Organelle (Mitochondria)
 - g. Cell Division mitosis (Anaphase)
 - h. Tool used in nursery (Digging fork)
 - i. Methods of vegetative propagation. (Cutting)
 7. Viva - voice 03M
 8. Practical record and excursion report. 05M


Internal Examiner

SGMM, Hingna


External Examiner

Mrs. M. Tadhae.

**RASTRASANT TUKDOJI MAHARAJ NAGPUR
UNIVERSITY NAGPUR**

B.Sc :- REGULAR 2nd Year B.Sc. FOURTH SEM For SUMMER 2024

**College :- Annasaheb Gundewar College of Arts & Commerce College (008)
Katol Road Nagpur -13**

PRATICAL EXAM SUMMER 2024

Subject :- Zoology

Date :- 21/06/2024

Time: 5Hr

Maximum mark – 30

Q.1 Identification and comments on given spots

10m

- a) Cobra
- b) Parrot
- c) Bat
- d) 24 Hours Chick Embryo
- e) 72 Hours Chick Embryo
- f) V.S. Skin of Bird
- g) Filoplume of Bird
- h) T.S of Thymus
- i) Pelvic Girdle of Fowl
- j) Anterior Thoracic Vertebrae of Rabbit

Q.2 Identify the given Laboratory Instruments

08m

Q.3 Determination of Blood Group ABO in Humans

07m

Q4. Submission of Certified Practical Record

03m

Q.5 Viva Voice

02m

Internal Examiner

(Dr. K. R. Aprkajic)
DRB Sindhy Mahavidyalaya,
Nagpur.

External Examiner

(Dr. A. M. Wathkar)
Bhalerao Science College
Sadner.

RASHTRASANT TUKDOJI MAHARAJ NAGPUR UNIVERSITY

B.Sc.: - REGULAR S.Y.B.Sc. FOURTH Semester For Summer-2024

College:- ANNASAHEB GUNDEWAR COLLEGE (008), KATOL ROAD,
NAGPUR -13

PRACTICAL EXAM SUMMER-2024

SUBJECT:- ZOOLOGY

FOIL/COUNTER FOIL

DATE:- 21/06/24

Maximum marks 30

No of students present 08

No of students absent 04

Sr. No.	Student's name	Signature	Marks in no.	Marks in words
1	ASHWINI RAVINDRA NEUL		26	Twenty six
2	CHAITALI SUNIL JADHAV		28	Twenty eight
3	ISHA ANAND PATLE		Absent	
4	MONIKA SHASHIKANT KURYAWANSHI		Absent	
5	NATASHA JITENDRA SHENDE		Absent	
6	PRANALI DILIP DHOLE		26	Twenty six
7	TISHIKA NANDKISHOR DHURVE		24	Twenty four
8	VAISHNAVI RAJESH CHINCHULKAR		23	Twenty three
9	ZUBIYA ABID ALI		23	Twenty three
10	JORDEN ALFRED SIMON		24	Twenty four
11	TEJAS MAHANAND SALVE		28	Twenty eight
12	NILESH BASANT PATLE		Absent	

INTERNAL EXAMINER

(Dr. K. R. Aprkaje)

DRB Sindhya Mahavidyalaya,
Nagpur.

EXTERNAL EXAMINER

(Dr. A. M. Wathkar)

Bhalerao Science College, Saon

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR

B.Sc (Regular) S.Y.B.Sc. FOURTH SEMESTER for SUMMER-2024 Exam

College: Annasaheb Gundewar College of Arts & Commerce College (008)

Katol Road Nagpur-13.

PRACTICAL EXAM SUMMER-2024

CLASS- B.Sc. SEM-IV

Subject: Chemistry

Time: 5Hr

Total Mark: 30

Date: 22/06/24

Q.1: InOrganic Chemistry Practical **10M**

A) To Prepare tetraamine copper(II) sulphate complex. $[\text{Cu}(\text{NH}_3)_4\text{H}_2\text{O}_2]\text{SO}_4$

OR

B) To Prepare hexamine nickel(II) chloride complex. $[\text{Ni}(\text{NH}_3)_6]\text{Cl}_2$

Q.2: Physical Chemistry Practical **10M**

A) Determination of strength of given acid (CH_3COOH) conductometrically using standard NaOH solution.

Q.3: Viva Voce **05M**

Q.4: Practical Record and Excursion Report **05M**



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR

B.Sc (Regular) S.Y.B.Sc. FOURTH SEMESTER for Summer-2024 Exam

College: Annasaheb Gundewar College of Arts & Commerce College (008)

Katol Road Nagpur-13

PRACTICAL EXAM SUMMER-2024

FOIL/COUNER FOIL

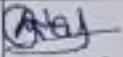
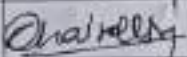
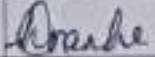
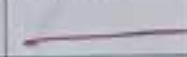

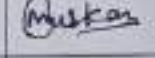
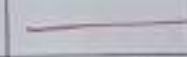
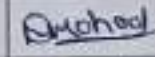
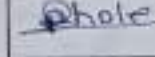
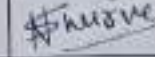
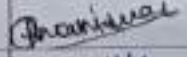

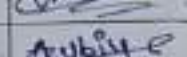
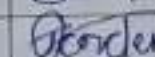
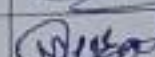


Total student : 20

Absent student : 04

Present student : 16

Subject: CHEMISTRY

DATE: 22/06/24

Sr. No.	STUDENT NAME	SIGN	Marks in No.	Marks in Words
1	ASHWINI RAJENDRA NEUL		22	Twenty - two
2	CHAITALI SUNIL JADHAV		22	Twenty - two
3	HARSHA JANGLU NANHE		18	Eighteen
4	ISHA ANAND PATLE		AB	
5	MONIKA SHASHIKANT KURYAWANSHI		AB	
6	MUSKAAN RAMPAL NIKHAR		24	Twenty - four
7	NATASHA JITENDRA SHINDE		AB	
8	NIDHI PRABHAKAR MOHOD		20	Twenty
9	PRANALI DILIP DHOLE		19	nineteen
10	SUVARNA NANDKISHOR DHURVE		17	seventeen
11	TANISHA ANIL MAMDIWAR		19	nineteen
12	TISHIKA NANDKISHOR DHURVE		16	sixteen
13	VAISHNAVI RAJESH CHINCHULKAR		16	sixteen
14	ZUBIYA ABID ALI		20	Twenty
15	JORDEN ALFRED SIMON		15	fifteen
16	NEERAJ HEMRAJ DHAWALE		15	fifteen
17	OM KRISHNA YADAV		14	fourteen

18	TEJAS MAHANAND SALVE	<i>Tejas</i>	21	Twenty-one
19	TUSHAR SHANKAR SALVE	<i>Tushar</i>	16	sixteen
20	NILESH BASANT PATLE	<i>Nilesh</i>	AB	

P. B. Thorat
INTERNAL EXAMINER
 Dr. P. B. Thorat
 Tatywade college
 Koradi

R. D. Utane
INTERNAL EXAMINER
 Dr. R. D. Utane
 Sant Gadge Baba
 College, Hingane

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

B.Sc :- Regular S.Y.B.S.C Fourth Semester

PRACTICAL EXAM SUMMER :- 2024

: Name of the Pratical Centre :

**ANNASAHEB GUNDEWAR COLLEGE, KATOL ROAD,
NAGPUR**

Maximum Marks-30

Date 24/06/2024

Subject:- PHYSICS

Foil/Counter Foil

Total No. of Student. 08, Present 08, Absent 00.

Sr. No	Seat Number	Student Name	P.1	P.2	Record Book	Viva	Total
1		Neeraj Hemraj Dhawle.	06	05	06	05	22
2		Suwarna Nandkishor Dhurve.	07	07	06	06	26
3		Tanish Anil Mamitdwar.	06	06	06	05	23
4		Nidhi Prabhakar Mohod.	07	08	06	05	26
5		Harsha Janglu Nanhe.	05	06	06	04	21
6		Muskan Ramlal Nikhar.	08	07	05	06	26
7		Tushar Shankar Salve.	05	07	05	04	21
8		Om krishna Yadav.	05	05	06	05	21

External Examiner

B.T. Kumbhkar

Internal Examiner

**RASTRASANT TUKDOJI MAHARAJ NAGPUR UNIVERSITY
NAGPUR**

B.Sc :- REGULAR Final Year B.Sc 6th SEM For Summer 2023-24

**College :- Annasaheb Gundewar College of Arts & Commerce College (008)
Katol Road Nagpur -13**

PRATICAL EXAM SUMMER 2023 -24

Subject :- Zoology

Date :- 09/05/2024

Time : 5Hr

Maximum mark – 30

Q.1 Detection of Sugar in Urine Sample

--05m

Q.2 Identification and comment on given spots

--03m

a) T.S of Thyroid Gland

b) T.S of Placenta

c) Smooth Muscle

Q.3 Perform H-E Staining of given slide

--03m

Q.4 Draw well labelled diagram of Dorsal and Ventral view of Pituitary of Labeo

--05m

Q.5 Analyze the given Biostatistical Data

--02m

Q.6 Perform Data Retrieval from Protein Database

--02m

Q.7 Submission of slides and study tour report

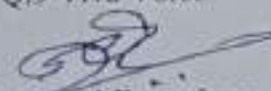
--02m

Q.8 Submission of certified practical record

--03m

Q.9 Viva Voice

--05m


Internal Examiner

Dr. Manoj Thakur
K.Z.S. College


External Examiner

Dr. Ashish Tiple
R.G. Bhoyan College

RASHTRASANT TUKDOJI MAHARAJ NAGPUR UNIVERSITY

B.Sc.:- REGULAR T.Y.B.Sc. Six Semester For Summer-2024

**College:- ANNASAHEB GUNDEWAR COLLEGE (008), KATOL ROAD,
NAGPUR -13**

PRACTICAL EXAM Summer-2024

SUBJECT:- Zoology

FOIL /COUNTER FOIL

DATE:- 09/05/2024

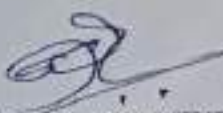
DAY:- Thursday

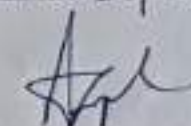
Maximum marks 30

No of students present 16

No of students absent 00

Sr. No.	Student's name	Signature	Marks in no.	Marks in words
1	Diksha Dipak Shendre	Diksha	29	Twenty Nine
2	Janhavi Rajkumar Dhurve	Janhavi	26	Twenty Six
3	Khushi Yogesh Chitmalwar	Khushi	21	Twenty One
4	Mahvish Mohd Iqbal Patel	Mahvish	19	Nineteen
5	Neha Purushottam Nakade	Neha	22	Twenty Two
6	Sanmeet Kaur Randhak	Sanmeet	28	Twenty Eight
7	Sakeena Anjum Sheikh	Sakeena	25	Twenty Five
8	Sangeeta Maniram Darwai	Sangeeta	25	Twenty Five
9	Shikha Tulsiram Patel	Shikha	26	Twenty Six
10	Tejaswini Rakesh Dhole	Tejaswini	25	Twenty Five
11	Urvashi Ramesh Rao Patil	Urvashi	23	Twenty Three
12	Durgesh Nandkishor Bisen	Durgesh	20	Twenty
13	Mohanish Sanjayrao Rithe	Mohanish	23	Twenty Three
14	Palash Vijay Warade	Palash	21	Twenty One
15	Rohit Ravishankar Dubey	Rohit	20	Twenty
16	Yash Suresh Pathak	Yash Pathak	23	Twenty Three


INTERNAL EXAMINER
Dr. Manoj Thakur
K.Z.S College


EXTERNAL EXAMINER
Dr. Ashish Tiple
R.G. Bhoyan College

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR

B.Sc (Regular) T.Y.B.Sc. SIXTH SEMESTER for SUMMER-2024 Exam

College: Annasaheb Gundewar College Katol Road, Nagpur-13

PRACTICAL EXAM SUMMER-2024

CLASS- B.Sc. SEM-VI

Subject: Chemistry

Time: 5Hr

Total Mark: 30

Date: 08/05/24

Q.1: Inorganic Chemistry Practical 10M

A) To estimate copper in the given solution as copper-ammonia complex colorimetrically.

Q.2: Organic Chemistry Practical 10M

A) Separation and identification of organic compound in binary mixture.

Q.3: Viva Voce 05M

Q.4: Practical Record and Excursion Report 05M

J. Meo

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR

B.Sc (Regular) T.Y.B.Sc SIXTH SEMESTER for Summer-2024 Exam

College: Annasaheb Gundewar College of Arts, Commerce & Science
Katol Road, Nagpur -440013

PRACTICAL EXAM SUMMER-2024

FOIL/COUNER FOIL

Total student: 24 25

Absent student: 01

Present student: 24

Subject: CHEMISTRY

DATE: 08-05-2024

SR. No.	Student Name	Sign	Marks in No.	Marks in Words
1	DIKSHA DIPAK SHENDRE	<i>Diksha</i>	24	Twenty Four
2	JANHVI RAJKUMAR NDHURVE	<i>Janhvi</i>	24	Twenty Four
3	KHUSHI YOGESH CHITMALWAR	<i>Khushi</i>	23	Twenty Three
4	MAHAVISH MOHD IQBAL PATEL	<i>Mahavish</i>	20	Twenty
5	NEHA PURSHOTTAMRAO NAKADE	<i>Neha</i>	24	Twenty Four
6	PRACHI ASHOK KUMARE	<i>P. Kumare</i>	23	Twenty Three
7	PRAJAKTA JITENDRA TUMANE	<i>Prajakta</i>	23	Twenty Three
8	RAHILA FIROJ PATHAN	<i>Rahila</i>	21	Twenty One
9	SANMEET KAUR HARJINDAR	<i>Sanmeet</i>	27	Twenty Seven
10	SAKINA ANJUM NAWAB SHEIKH	<i>Sakina</i>	25	Twenty Five
11	SANGEETA MANIRAM DARWAI	<i>Sangeeta</i>	24	Twenty Four
12	SHEJAL RATNAKAR WALVATKAR	<i>Shejal</i>	24	Twenty Four
13	SHIKHA TULSIRAM PATEL	<i>Shikha</i>	23	Twenty Three
14	SHRUTI WANJARI	<i>AA</i>		
15	STEFFY MINTO DAVID	<i>David</i>	20	Twenty
16	TEJASWINI RAKESH DHOKE	<i>Tejaswini</i>	23	Twenty Three
17	URVASHI RAMESHRAO PATIL	<i>Urvashi</i>	26	Urvashi Twenty Six
18	YACHIKA PURSHOTTAM MULE	<i>Yachika</i>	21	Twenty One

19	DURGESH NANDKISHORE BISEN	Durgesh	18	Eighteen
20	MOHANISH SANJAYRAAO RITHE	Mohish	27	Twenty Seven
21	PALASH VIJAY VARADE	Palash	19	Nineteen
22	ROHIT RAVISHANKAR DUBEY	Rohit	18	Eighteen
23	YADNESH RAVI TUMANE	Yadnesh	22	Twenty Two
24	YASH SURESH PATHAK	Yash Pathak	26	Twenty Six
25	Tanzilla J. Sayyed	Tanzilla	22	Twenty Two

INTERNAL EXAMINER

EXTERNAL EXAMINER

RTMN UNIVERSITY BOTANY PRACTICAL EXAMINATION

SUMMER-2023-2024

B.Sc – Semester –VI

TIME- 5 hrs

MARKS : 30

Q.1. To study the activity of enzyme catalase and peroxidase in suitable plant material [A] and report the findings.03M

Q.2 .TO perform the Micro-chemical Experiment [B] & report the findings03M

Q.3. To extract and prepare the herbal product [c] from the given plant material.04M

Q.4. Write about Morphology and utilization of the given plant material [D].03M

Q.5. To prepare the crude drug extract from the given material [E] and mention its use.04M

Q.6. Spotting05M

(E) Biotechnology Instruments

(F) Genetic Engineering (Tool)

(G) Herbal Plant

(H) Ethnobotany

(I) Plant used in Pharmacognosy

Q.7. Viva Voice03M

Q.8. Practical Record and Excursion Report.05M

Internal
substance

External
Dr. Prof. Suresh Kumar
Divyji. P. College
Nagpur.

RASHTRASANT TUKDOJI MAHARAJ NAGPUR UNIVERSITY
B.Sc.- REGULAR T.Y.B.Sc. Six Semester For Summer-2024
College:- ANNASAHEB GUNDEWAR COLLEGE (008), KATOL ROAD, NAGPUR -13
PRACTICAL EXAM SUMMER-2024

SUBJECT:-BOTANY

FOIL /COUNTER FOIL

DATE:- 06/05/2024

DAY:- MONDAY

Maximum marks 30

No of students present 15

No of students absent 01

Sr. No.	Student's name	Signature	Marks in no.	Marks in words
1	Diksha Dipak Shendre	<i>Diksha</i>	26	Twenty Six
2	Janhavi Rajkumar Dhurve	<i>Janhavi</i>	28	Twenty Eight
3	Khushi Yogesh Chitmalwar	<i>Khushi</i>	19	Nineteen
4	Mahvish Mohd Iqbal Patel	<i>Mahvish</i>	18	Eighteen
5	Neha Purushottam Nakade	<i>Neha</i>	19	Nineteen
6	Sanmeet Kaur Randhak	<i>Sanmeet</i>	28	Twenty Eight
7	Sakeena Anjum Sheikh	<i>Sakeena</i>	21	Twenty One
8	Sangeeta Maniram Darwai	<i>Sangeeta</i>	26	Twenty Six
9	Shikha Tulsiram Patel	<i>Shikha</i>	26	Twenty Six
10	Tejaswini Rakesh Dhole	<i>Tejaswini</i>	27	Twenty Seven
11	Urvashi Ramesh Rao Patil	<i>Urvashi</i>	20	Twenty only
12	Durgesh Nandkishor Bisen	<i>Durgesh</i>	21	Twenty One
13	Mohanish Sanjayrao Rithe	<i>Mohanish</i>	18	Eighteen
14	Palash Vijay Warade	<i>Palash</i>	19	Nineteen
15	Rohit Ravishankar Dubey	<i>Rohit</i>	AB	
16	Yash Suresh Pathak	<i>Yash Pathak</i>	20	Twenty only

INTERNAL EXAMINER

EXTERNAL EXAMINER

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

PRACTICAL EXAM SUMMER :- 2024

Name of the Examination S.Y.B.S.C. Sixth semester

Name of the Pratical Centre : ANNASAHEB GUNDEWAR COLLEGE, KATOL ROAD, NAGPUR

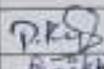

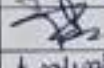
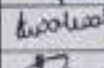
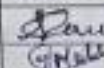
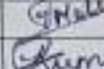
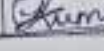
Maximum Marks - 30

Date - 07/05/2024

Subject :- PHYSICS

Foil/ Counter Foil

Day - Tuesday No. of Student Present 7 No. of Student Absent..... Total No. of Student 07

Sr. No	Seat Number	Student Name	Signature	Marks in No.	Marks in Words
1		Prachi Ashok Kumar		27	Twenty Seven
2		Prajakta Jitendra Tumane		28	Twenty Eight
3		Rahila Firoj Pathan		25	Twenty Five
4		Shejal Ratnakar Walwatkar		26	Twenty Six
5		Steffi Minto David		26	Twenty Six
6		Yachika Purshottam Mule		28	Twenty Eight
7		Yadnesh Ravi Tumane		26	Twenty Six

Singnature

Internal Examiner

Name & Address

Dr. A. K. Nandane
J. M. Patel College
Bheundara.

External Examiner

Name & Address

Dr A P Sengupta
Dr Ambedkar
College Deekshabhawan
Nagpur

RTM NAGPUR UNIVERSITY NAGPUR

ANNASAHEB GUNDEWAR COLLEGE

KATOL ROAD, NAGPUR

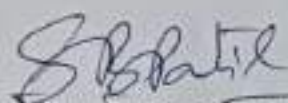
University Level Practical Examination (Offline)

Summer 2023-24

B.Sc. VI Sem.

Time 9:30 a.m. to 3:30. p.m.

Day	Date	Time	Subject
Monday	06/05/2024	9:30 a.m. to 3:30. p.m.	Botany
Tuesday	07/05/2024	9:30 a.m. to 3:30. p.m.	Physics
Wednesday	08/05/2024	9:30 a.m. to 3:30. p.m.	Chemistry
Thursday	09/05/2024	9:30 a.m. to 3:30. p.m.	Zoology



Dr. Gajanan B. Patil

Principal

**Annasaheb Gundewar College
Katol Road, Nagpur.**

RTM NAGPUR UNIVERSITY NAGPUR
ANNASAHEB GUNDEWAR COLLEGE
KATOL ROAD, NAGPUR

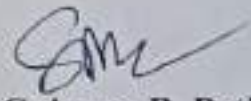
University Level Practical Examination

Summer 2023-24

B.Sc. IV Sem.

Time 9:30 a.m. to 3:30. p.m.

Day	Date	Time	Subject
Thursday	20/06/2024	9:30 a.m. to 3:30. p.m.	Botany
Friday	21/06/2024	9:30 a.m. to 3:30. p.m.	Zoology
Saturday	22/06/2024	9:30 a.m. to 3:30. p.m.	Chemistry
Monday	24/06/2024	9:30 a.m. to 3:30. p.m.	Physics


Dr. Gajanan B. Patil
Principal
Principal
Annasaheb Gundewar College
Katol Road, Nagpur.

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR

B.Sc (Regular) F.Y.B.Sc.FIRST SEMESTER for WINTER-2023 Exam

College: Annasaheb Gundewar College of Arts & Commerce College (008)

Katol Road Nagpur-13.

PRACTICAL EXAM WINTER-2023

CLASS- B.Sc. SEM-I

Subject: Chemistry

Time: 5Hr

Total Mark: 30

Date: 31/01/24

Q.1: Organic Chemistry Practical

10M

A) To detect the presence of adulteration in tea powder.

OR

B) To detect the presence of adulteration in turmeric powder.

Q.2: Physical Chemistry Practical

10M

A) To determine integral heat of dissolution in KNO_3 .

OR


B) To determine viscosity coefficient of given liquid using Ostwald's viscometer.

Q.3: Viva Voce

05M

Q.4: Practical Record and Excursion Report

05M


Internal Examiner
S.K. Kharade

RASHTRASANT TUKDOJI MAHARAJ NAGPUR UNIVERSITY

B.Sc.: REGULAR F.Y.B.Sc. First Semester For Winter-2023

College:- ANNASAHEB GUNDEWAR COLLEGE (008), KATOL ROAD,
NAGPUR -13

PRACTICAL EXAM WINTER-2023

SUBJECT:-CHEMISTRY

FOIL/COUNTER FOIL

DATE:- 31/01/2024

Maximum marks 30

No of students present 24 (24)

No of students absent 09

Sr. No.	Student's name	Signature	Marks in no.	Marks in words
1	AKANSHA GANESH SONEKAR	Absent		
2	AMRIN FATEMA HARUN PATHAN	Absent	25	Twenty five
3	ANANDI ANILKUMAR PENDSE	Absent	21	Twenty one
4	CHAITALI MAHADEV NANHE	Absent	21	Twenty one
5	GUNGUN DEEPAK SHAHANE	Absent	23	Twenty three
6	HARSHA SHRIKANT SOMALWAR	Absent	22	Twenty two
7	KASHISH SANJEEV KOTPALIWAR	Absent	22	Twenty two
8	KAUSARJAH SAGIR AHMED SHAIKH	Absent	21	Twenty one
9	KUNALI LAXMAN CHANDEKAR	Absent		
10	MADHURI RAMESHWAR BARSAGADE	Madhuri	21	Twenty one
11	MANASWI KAILAS MARASKOLHE	M.K. Maraskolhe	22	Twenty two
12	MAYURI DHARMENDRA DONGRE	Absent	21	Twenty one
13	MAZIBA FATEMA WAKIL SAHEB QUAZI	Maziba Fatema	22	Twenty two
14	MEGHA CHAMMILAL PARTETI	Absent		
15	PRACHI CHANDRAPRAKASH RANGARE	Absent	21	Twenty one
16	ROHANSHI SUNIL WAGHMARE	Absent	23	Twenty three
17	SHAMAL SATISH TEMBHURNE	Absent	23	Twenty three
18	SILVIYA SUKHDEV INVATE	Absent		
19	SUHANI RAJHANS RAUT	Absent	22	Twenty two
20	TANVI DIPAKRAO SAPNAR	Absent	20	Twenty
21	YEMAN RAZA IQBAL RAJA	Absent	22	Twenty two
22	ALOK PRAKASH SAKHARE	Absent		
23	AMAN KAMESHWAR PRASAD	Absent	19	Nineteen
24	ATHARV RAJENDRA NIMBALKAR	Absent		
25	HARSH SANJEEV BANSOD	Absent	22	Twenty Two

26	KHUBAB ANSARI MOHD MUSTAFA ANSARI	Absent		
27	KRUNAL RAMESH PATLE	23	23	Twenty three
28	MOHD ALTAMASH NIYAZ AHMAD	20	20	Twenty
29	KHURSHID ANSARI MOHD MUSTAFA JAMAL	Absent		
30	REHAN SAGIR AHMAD SHEIKH	20	20	Twenty
31	SARTHAK SANTOSH SAHARE	22	22	Twenty Two
32	SWYAM HARISHSING RATHOD	24	24	Twenty Four
33 x	ISHA ANAND PATLE			
34 x	FISHKA NANDKISHOR DHURVE			
35 x	VISHNU LAXMINARAYAN DUBEY			
36 33	JILANI ZAINUL ABEDIN MOHAMMAD ANSARI	Absent		

INTERNAL EXAMINER

S.K. Kharake

EXTERNAL EXAMINER

R.K. Wargze

RTMN UNIVERSITY BOTANY PRACTICAL EXAMINATION

WINTER-2023-2024

B.Sc - Semester -1

TIME- FIVE HOURS

MAX MARKS -30M

Q.1 Gram stain the given **Bacterial** strain/stain the **Cyanobacterial** material (A), and identify
.....04M (Nostoc)

Q.2 Identify the given **Algal** material (B) prepare temporary mount and write identifying characters.....04 M (Chara)

Q.3 Identify the given **Fungal** material (C) prepare temporary mount and write identifying characters
.....04M (Albugo)

Q.4 Identify the given **Bryophytic** material (D) prepare temporary mount and write identifying characters
.....04M

~~Q.5 Spotting:~~ (Marchantia)06M

(E) Virus/ Bacteria/Cyanobacteria T4 bacteriophage

~~(F) Algae~~ Vaucheria

(G) Fungi Mucor

(H) Bryophyte Funaria

(I) Plant pathology Citrus canker

(J) Lichen Foliose lichen

Q.6 Viva-voice03M

Q.7 Practical record and excursion report05M

Muskhande

Quate

RASHTRASANT TUKDOJI MAHARAJ NAGPUR UNIVERSITY

B.Sc.- REGULAR F.Y.B.Sc. First Semester For Winter-2023

College:- ANNASHEB GUNDEWAR COLLEGE (008), KATOL ROAD,
NAGPUR -13

PRACTICAL EXAM WINTER-2023

SUBJECT:- BOTANY

FOIL/COUNTER FOIL

Maximum marks - 30M

Date - 03/02/24

No. of students present 12

Total no. of stly - 18

No. of students absent 06

Sr. No.	Student's name	Signature	Marks in no.	Marks in words
1	AKANSHA GANESH SONEKAR		Ab	
2	AMRIN FATEMA HARUN PATHAN		24	Twenty Four
3	ANANDI ANILKUMAR PENDSE		29	Twenty Nine
4	KAUSARUJHA SAGIR AHMED SHAIKH		20	Twenty only
5	KUNALI LAXMAN CHANDEKAR		Ab	
6	MAYURI DHARMENDRA DONGRE		19	Nineteen
7	MAZIBA FATEMA WAKIL SAHEB QUAZI		23	Twenty three
8	PRACHI CHANDRAPRAKASH RANGARE		24	Twenty Four
9	SHAMAL SATISH TEMBHURNE		21	Twenty One
10	SILVIYA SUKHDEV INVATE		Ab	
11	SUHANI RAJHANS RAUT		18	Eighteen only
12	YEMAN RAZA IQBAL RAJA		26	Twenty Six
13	ATHARV RAJENDRA NIMBALKAR		Ab	
14	KHUBAB ANSARI MOHD MUSTAFA ANSARI		Ab	
15	MOHD ALTAMASH NIYAZ AHMAD		19	Nineteen only
16	KHURSHID ANSARI MOHD MUSTAFA JAMAL		Ab	
17	REHAN SAGIR AHMED SHEIKH		20	Twenty only
18	SARTHAK SANTOSH SAHARE		26	Twenty Six
19	VISHNU LAXMINARAYAN DUBEY			

INTERNAL EXAMINER

EXTERNAL EXAMINER

**RASTRASANT TUKDOJI MAHARAJ NAGPUR
UNIVERSITY NAGPUR**

B.Sc :- REGULAR 1ST Year B.Sc 1st SEM For Winter 2023

**College :- Annasaheb Gundewar College of Arts & Commerce College (008)
Katol Road Nagpur -13**

PRATICAL EXAM WINTER 2023

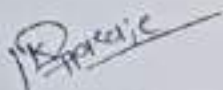
Subject :- Zoology

Date :- 01/02/2024

Time : 4Hr


Maximum mark – 30

Q.1 Identification and comments on given spots	08m
a) Paramecium	
b) Sycon	
c) Obelia	
d) Fasciola	
e) Sponge gemmules	
f) Redia larva	
g) Scolex of Taenia	
h) Chara (<i>Phacelium</i>)	
Q.2 Dissection of Digestive System of Earthworm	08m
Q.3 To perform Estimation of free CO ₂ of water	04m
Q.4 Permanent staining of given material	03m
Q.5 Submission of certified practical record	03m
Q.6 Submission of slides & Tour Diary	02m
Q.7 Viva Voice	02m



Internal Examiner
(Dr. K. R. A. P. K. J.)

**PRB Sindhu mahavidyalaya,
Nagpur.**



External Examiner

RASHTRASANT TUKDOJI MAHARAJ NAGPUR UNIVERSITY

B.Sc.- REGULAR F.Y.B.Sc. First Semester For Winter-2023

College:- ANNASHEB GUNDEWAR COLLEGE (008), KATOL ROAD,
NAGPUR -13

PRACTICAL EXAM WINTER-2023

SUBJECT:- ZOOLOGY

FOIL/COUNTER FOIL

DATE:-01/02/2024

Maximum marks 30

No of students present 12

Total No. of Students 18

No of students absent 06

Sr. No.	Student's name	Signature	Marks in no.	Marks in words
1	AKANSHA GANESH SONEKAR			
2	AMRIN FATEMA HARUN PATHAN		19	Nineteen
3	ANANDI ANILKUMAR PENDSE		25	Twenty Five
4	KAUSARJAH SAGIR AHMED SHAIKH		18	Eighteen
5	KUNALI LAXMAN CHANDEKAR			
6	MAYURI DHARMENDRA DONGRE		16	Sixteen
7	MAZIBA FATEMA WAKIL SAHEB QUAZI		17	Seventeen
8	PRACHI CHANDRAPRAKASH RANGARE		21	Twenty one
9	SHAMAL SATISH TEMBHURNE		19	Nineteen
10	SILVIYA SUKHDEV INVATE			
11	SUHANI RAJHANS RAUT		17	Seventeen
12	YEMAN RAZA IQBAL RAJA		20	Twenty
13	ATHARV RAJENDRA NIMBALKAR			
14	KHUBAB ANSARI MOHD MUSTAFA ANSARI			
15	MOHD ALTAMASH NIYAZ AHMAD		15	Fifteen
16	KHURSHID ANSARI MOHD MUSTAFA JAMAL			
17	REHAN SAGIR AHMED SHEIKH		26	Twenty six
18	SARTHAK SANTOSH SAHARE		29	Twenty Nine
19	VISHNU LAXMINARAYAN DUBEY			

Pr. K. R. A. P. K. R.
INTERNAL EXAMINER
(Pr. K. R. A. P. K. R.)
PRB Sindhya Mahavidyalaya,
Nagpur

Dr. A. Shireen Qabul
EXTERNAL EXAMINER
(Dr. A. Shireen Qabul)
SFS College Seminary
Hills Nagpur

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

PRACTICAL EXAM WINTER :- 2024

Name of the Examination S.Y.B.S.C. First semester

Name of the Pratical Centre : ANNASAHEB GUNDEWAR COLLEGE, KATOL ROAD, NAGPUR

Maximum Marks – 30

Date – 30/01/2024

Subject :- PHYSICS

Foil/ Counter Foil

Day - Tuesday No. of Student Present 11 No. of Student Absent 03 Total No. of Student 12

Sr. No	Seat Number	Student Name	Signature	Marks in No.	Marks in Words
1		Chaitali Mahadev Nanahe		27	Twenty seven
2		Gungun Deepak Sahane		27	Twenty seven
3		Harsha Shrikant Somalwar		27	Twenty seven
4		Kashish Sanjeev Kotpalliwar		30	Thirty
5		Madhuri Rameshwarao Barsagade		29	Twenty nine
6		Manaswi Kailash Maraskhole		28	Twenty eight
7		Megha Chammlal Parteti		Ab	Absent
8		Roshani Sunil Waghmare		29	Twenty nine
9		Tanvi Deepakrao Sapnar		27	Twenty seven
10		Alok Prakash Sakhare		Ab	Absent
11		Aman Kameshwar Prasad		30	Thirty
12		Harsh Sanjeev Bansod		27	Twenty seven
13		Krunal Ramesh Patle		Ab	Absent
14		Swyam Harishsingh Rathod		30	Thirty

Singnature

Internal Examiner

Name & Address

External Examiner

Name & Address

RTMN UNIVERSITY BOTANY PRACTICAL EXAMINATION

WINTER-2023-2024

B.Sc - Semester -III

TIME- FIVE HOURS

MAX. MARKS-30

Q.1. Described in technical language the given Angiospermic material (A) Classify and identify the family giving reasons. *Malvaceae* ...05M

Q.2. Calculate percent germination of pollen in given material (B). ...03M

Q.3. Prepare temporary mount of given root/ leaf material (C) and identify giving diagnostic characters. *Sunflower root* ...04M

Q.4. Prepare double stained permanent mount of the given stem material (D). Identify giving diagnostic characters. *Maize stem* ...05M

Q.5. Spotting : ...05M

(E) Fossil angiosperm

(F) Embryology

(G) Tissue

(H) Popular house plant

(I) Horticulture plant

Q.6. Viva- voice.

03M

Q.7. Practical record and Excursion report.

...05M

Internal examiner

External examiner

RASHTRASANT TUKDOJI MAHARAJ NAGPUR UNIVERSITY

B.Sc.:- REGULAR S.Y.B.Sc. Third Semester For Winter-2023

**College:- ANNASAHEB GUNDEWAR COLLEGE (008), KATOL ROAD,
NAGPUR -13**

PRACTICAL EXAM WINTER-2023

SUBJECT:- BOTANY

FOIL /COUNTER FOIL

DATE:- 18/01/2024

Maximum marks 30

No of students present 10

No of students absent 02

Total No. of Students 12

Sr. No.	Student's name	Signature	Marks in no.	Marks in words
1	ASHWINI RAVINDRA NEUL		24	Twenty Four
2	CHAITALI SUNIL JADHAV		27	Twenty Seven
3	ISHA ANAND PATLE		24	Twenty Four
4	MONIKA SHASHIKANT KURYAWANSHI		27	Twenty seven
5	NATASHA JITENDRA SHENDE		25	Twenty Five
6	PRANALI DILIP DHOLE		25	Twenty Five
7	TISHIKA NANDKISHOR DHURVE		17	seventeen
8	VAISHNAVI RAJESH CHINCHULKAR		A	
9	ZUBIYA ABID ALI		23	Twenty three
10	JORDEN ALFRED SIMON		16	Sixteen
11	TEJAS MAHANAND SALVE		26	Twenty six,
12	NILESH BASANT PATLE		A	


INTERNAL EXAMINER


EXTERNAL EXAMINER

RASTRASANT TUKDOJI MAHARAJ NAGPUR UNIVERSITY NAGPUR

B.Sc :- REGULAR 2nd Year B.Sc 3rd SEM For Winter 2023

College :- Annasaheb Gundewar College of Arts & Commerce College (008) Katol Road
Nagpur -13

PRATICAL EXAM WINTER 2023

Subject :- Zoology

Date: 20/01/2024

Time: 4Hr

Maximum mark - 30

Q.1 Dissection of Digestive System of Labeo Draw well labelled diagram -06

Q.2 Identification and comments on given spots -08

- a) Herdmania
- b) Petromyzon
- c) Torpedo
- d) Bufo
- e) T.S of Gastrula of Frog
- f) T.S of Tadpole external gill slits
- g) T.S of Amphioxus through pharynx
- h) T.S of Ovary of Frog

Q.3 To perform the given genetic experiment study of monohybrid ratio ---03

Q.4 Identify the syndrome in the given karyotype ---03

Q.5 Permanent staining of given material -03

Q.6 Submission of Certified Practical Record -03

Q.7 Submission of slide - 02

Q.8 Viva Voice -02

Mangarwar
Internal Examiner
(Dr. R.K. Mangarwar)
RB Sindhu Mahavidyalaya,
Nagpur

APKaje
External Examiner
(Dr. K.R. APKaje)
DRB Sindhu Mahavidyalaya,
Nagpur

RASHTRASANT TUKDOJI MAHARAJ NAGPUR UNIVERSITY

B.Sc.: - REGULAR S.Y.B.Sc. Third Semester For Winter-2023

College:- ANNASAHEB GUNDEWAR COLLEGE (008), KATOL ROAD,
NAGPUR -13

PRACTICAL EXAM WINTER-2023

SUBJECT:- ZOOLOGY

FOIL/ COUNTER FOIL

Maximum marks 30

DATE:- 20/01/2024

No of students present 10

No of students absent 02

Total No. of Students 12

Sr. No.	Student's name	Signature	Marks in no.	Marks in words
1	ASHWINI RAVINDRA NEUL	<i>(New)</i>	26	Twenty six
2	CHAITALI SUNIL JADHAV	<i>(Chaitali)</i>	26	Twenty six
3	ISHA ANAND PATLE	<i>(Isha)</i>	23	Twenty three
4	MONIKA SHASHIKANT KURYAWANSHI	<i>(Monika)</i>	27	Twenty seven
5	NATASHA JITENDRA SHENDE	<i>(Natasha)</i>	29	Nineteen
6	PRANALI DILIP DHOLE	<i>(Pranali)</i>	22	Twenty two
7	TISHIKA NANDKISHOR DHURVE	<i>(Tishika)</i>	18	Eighteen
8	VAISHNAVI RAJESH CHINCHULKAR	<i>Absent</i>		
9	ZUBIYA ABID ALI	<i>(Zubiyah)</i>	23	Twenty three
10	JORDEN ALFRED SIMON	<i>(Jordan)</i>	20	Twenty
11	TEJAS MAHANAND SALVE	<i>(Tejas)</i>	22	Twenty two
12	NILESH BASANT PATLE	<i>Absent</i>		

INTERNAL EXAMINER

(Dr. R. K. Mangarwar)
DRB Sindhu Mahavidyalaya,
Nagpur.

EXTERNAL EXAMINER

(Dr. K. R. Apkaje)
DRB Sindhu Mahavidyalaya,
Nagpur

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR

B.Sc (Regular) S.Y.B.Sc THIRDS SEMESTER for WINTER-2023 Exam

College: Annasaheb Gundewar College of Arts & Commerce College (008)

Katol Road Nagpur-13.

PRACTICAL EXAM WINTER-2023

CLASS- B.Sc. SEM-III

Subject: Chemistry

Time: 5Hr

Total Mark: 30

Date: 16/01/24

Q.1: Inorganic Chemistry Practical **10M**

A) Determination of acetic acid in commercial vinegar using NaOH

OR


B) Determination of alkali content in antacid tablet using HCL

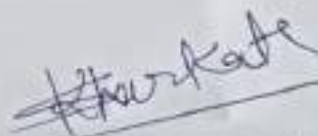
Q.2: Organic Chemistry Practical **10M**

A) To identify given organic compound and to prepare one of its derivatives.

Q.3: Viva Voce **05M**

Q.4: Practical Record and Excursion Report **05M**


R.D. Dhole
Sant Gadge Maharaj College
Hingna, Nagpur


C.S.K. Kharkar
D.R.B. Sindhu
Nagpur
External Exa

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR

B.Sc (Regular) S.Y.B.Sc. THIRD SEMESTER for WINTER-2023 Exam

College: Annasaheb Gundewar College of Arts & Commerce College (008)

Katol Road Nagpur-13

PRACTICAL EXAM WINTER-2023

FOIL/COUNER FOIL

Total student : 20

Absent student : 02

Present student : 18

Subject: CHEMISTRY

DATE: 16-01-24

Sr. No.	STUDENT NAME	SIGN	Marks in No.	Marks in Words
1	ASHWINI RAJENDRA NEUL RAVINDRA	<i>Aneul</i>	29	Twenty Nine
2	CHAITALI SUNIL JADHAV	<i>Chaitali</i>	28	Twenty Eight
3	HARSHA JANGLU NANHE	<i>Harsha</i>	22	Twenty two
4	ISHA ANAND PATLE	<i>Isha</i>	24	Twenty four
5	MONIKASHASHIKANT KURYAWANSHI	<i>Monika</i>	20	Twenty
6	MUSKAANRAMLAL NIKHAR	<i>Muskan</i>	28	Twenty Eight
7	NATASHAJITENDRA SHINDE	<i>Natasha</i>	23	Twenty Three
8	NIDHI PRABHAKAR MOHOD	<i>Nidhi</i>	20	Twenty
9	PRANALI DILIP DHOLE	<i>Phole</i>	21	Twenty one
10	SUVARNA NANDKISHOR DHURVE	<i>Shurva</i>	22	Twenty two
11	TANISHA ANIL MAMDIWAR	<i>Tanisha</i>	29	Twenty Nine
12	TISHKANANDKISHOR DHURVE	<i>Tishkan</i>	23	Twenty Three
13	VAISHNAVI RAJESH CHINCHULKAR	<i>Vaishnavi</i>	23	Twenty Three
14	ZUBIYA ABID ALI	<i>Absent</i>		
15	JORDEN ALFRED SIMON	<i>Jorden</i>	25	Twenty Five
16	NEERAJ HEMRAJ DHAWALE	<i>Neeraj</i>	27	Twenty Seven
		<i>Neeraj</i>	20	Twenty

17	OM KRISHNA YADAV	<u>Pindar</u>	24	Twenty four
18	TEJAS MAHANAND SALVE	Tejas	21	Twenty one
19	TUSHAR SHANKAR SALVE	<u>Tejas</u>	17	Seventeen
20	NILESH BASANT PATLE	<u>Absent</u>		

R.D. Utane
INTERNAL EXAMINER

R.D. Utane
Sant Gadge Mahenij college
Hajur, Nagpur

S.K. Kharate
EXTERNAL EXAMINER

S.K. Kharate
D.R.B. Sindhu Ma
Nagpur

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

PRACTICAL EXAM SUMMER :- 2024

Name of the Examination S.Y.B.S.C. Third semester

Name of the Pratical Centre : ANNASAHEB GUNDEWAR COLLEGE, KATOL ROAD, NAGPUR


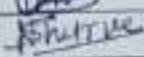
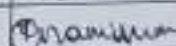
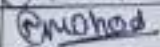
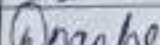
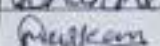

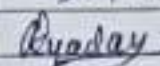
Maximum Marks - 30

Date - 19/01/2024

Subject :- PHYSICS

Foil/ Counter Foil

Day - Fri No. of Student Present 08 No. of Student Absent 00 Total No. of Student 08

Sr. No	Seat Number	Student Name	Signature	Marks in No.	Marks in Words
1		Neeraj Hemraj Dhawle		26	Twenty six
2		Suwarna Nandkishor Dhurve		26	Twenty six
3		Tanish Anil Mamitdwar		29	Twenty Nine
4		Nidhi Prabhakar Mohod		29	Twenty Nine
5		Harsha Janglu Nanhe		29	Twenty Nine
6		Muskan Ramlal Nikhar		29	Twenty Nine
7		Tushar Shankar Salve		26	Twenty six
8		Om krishna Yadav		26	Twenty six

Singnature

Internal Examiner

Name & Address

Dr. N. Gahave

External Examiner

Name & Address

Dr. R M Belekare

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR

B.Sc (Regular) F.Y.B.Sc FIFTH SEMESTER for WINTER-2023 Exam

College: Annasaheb Gundewar College of Arts & Commerce College (008)
Katol Road Nagpur-13.

PRACTICAL EXAM WINTER-2023

CLASS- B.Sc. SEM-V

Subject: Chemistry

Time: 5Hr

Total Mark: 30

Date: 24/12/23

Q.1: Organic Chemistry Practical

10M

A) To estimate Glucose in a given solution

OR

B) To estimate Carboxyl group in a given acid

10M

Q.2: Physical Chemistry Practical

A) To Verify Beer's Lambert law and to determine the concentration of KMnO_4 Colorimetrically.

OR

B) To determine the molecular weight of polymer by viscosity method.

05M

Q.3: Viva Voce

05M

Q.4: Practical Record and Excursion Report

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR

B.Sc (Regular) F.Y.B.Sc FIFTH SEMESTER for WINTER-2023 Exam

College: Annasaheb Gundewar College of Arts, Commerce & Science
Katol Road, Nagpur -440013

PRACTICAL EXAM WINTER-2023

FOIL/COUNER FOIL

Total student: 25

Absent student: 02

Present student: 23

Subject: CHEMISTRY

DATE: 24-12-23

SR. No.	Student Name	Sign	Marks in No.	Marks in Words
1	DIKSHA DIPAK SHENDRE	<i>Diksha</i>	21	twenty one
2	JANHVI RAJKUMAR NDHURVE	<i>Janhvi</i>	27	twenty seven
3	KHUSHI YOGESH CHITMALWAR	<i>Khushi</i>	27	twenty seven
4	MAHAVISH MOHD IQBAL PATEL PATEL	<i>Mahavish</i>	21	twenty one
5	NAMIRA FIRDOS MOHD SALIM	<i>Namira</i>	AB	
6	NEHA PURSHOTTAMRAO NAKADE	<i>Neha</i>	26	Twenty six
7	PRACHI ASHOK KUMARE	<i>Prachi</i>	24	Twenty four
8	PRAJAKTA JITENDRA TUMANE	<i>Prajakta</i>	25	Twenty Five
9	RAHILA FIROJ PATHAN	<i>Rahila</i>	22	Twenty two
10	RANDHAK SANMEET KAUR HARJINDAR SINGH	<i>Randhak</i>	29	Twenty nine
11	SAKINA ANJUM NAWAB SHEIKH	<i>Sakina</i>	27	Twenty seven
12	SANGEETA MANIRAM DARWAI	<i>Sangeeta</i>	27	Twenty seven
13	SHEJAL RATNAKAR WALVATKAR	<i>Shejal</i>	28	Twenty eight
14	SHIKHA TULSIRAM PATEL	<i>Shikha</i>	25	Twenty five

15	SHRUTI WANJARI		AB	
16	STEFFY MINTO DAVID	<u>Ramil</u>	20	twenty
17	TEJASWINI RAKESH DHOKE	<u>Dhoke</u>	28	Twenty eight
18	URVASHI RAMESHRAO PATIL	<u>Urvashi</u>	26	Twenty six
19	YACHIKA PURSHOTTAM MULE	<u>Yachika</u>	28	Twenty eight
20	DURGESH NANDKISHORE BISEN	<u>Durgesh</u>	18	eighteen
21	MOHANISH SANJAYRAO RITHE	<u>Mohanish</u>	28	Twenty eight
22	PALASH VIJAY VARADE	<u>Palash</u>	22	Twenty two
23	ROHIT RAVISHANKAR DUBEY	<u>Rohit</u>	21	Twenty one
24	YADNESH RAVI TUMANE	<u>Yadnesh</u>	23	Twenty three
25	YASH SURESH PATHAK	<u>Yash Pathak</u>	27	Twenty seven

INTERNAL EXAMINER

Total: 25
Present: 23
Absent: 02

EXTERNAL EXAMINER

RTMN UNIVERSITY PRACTICAL EXAMINATION WINTER-2023

(College Level Practical Examination)

B.Sc. Semester- V, Subject: Botany

TIME- FIVE HOURS

MAX. MARKS-30

Q.1. To perform the given major physiology experiment (A) and report the findings

05

Aim: To study the ascent sap in suitable plant material

Q.2. To perform the given minor physiology experiment (B) and report the findings.

03

Aim: To demonstrate the phenomenon of inhibition

Q.3. To perform the given ecology experiment (C) and report the findings.

05

Aim: To study the community by quadrant method to determine frequency, density, abundance.

Q.4. To study morphological and anatomical characteristics for the given plant material (D) with reference to ecological adaptations

05

Aim: To study morphological and anatomical characteristics of the given plant material with reference to ecological adaptations → Nerium

04

Q.5. Spotting:

- | | |
|----------------------|-------------------------------|
| (E) Plant physiology | Kuhni's Fermentation |
| (F) Ecology | Hydrilla |
| (G) Hydroponics | Hydroponic-farming of spinach |
| (H) Manures | Vermicompost. |

03

Q.6. Viva- voce

Q.7. Practical record and Excursion report.

05

External

Internal

RASHTRASANT TUKDOJI MAHARAJ NAGPUR UNIVERSITY

B.Sc.- REGULAR F.Y.B.Sc. Fifth Semester For Winter-2023

College:- ANNASAHEB GUNDEWAR COLLEGE (008), KATOL ROAD,
NAGPUR -13

PRACTICAL EXAM WINTER-2023

SUBJECT:- BOTANY

FOIL COUNTER FOIL

DATE:- 23/12/2023

DAY:- ~~Tuesday~~ Saturday

Maximum marks 30

No of students present 16

No of students absent 01

Sr. No.	Student's name	Signature	Marks in no.	Marks in words
1	DIKSHA DIPAK SHENDRE	<i>Diksha</i>	24	Twenty four
2	JANHVI RAJKUMAR DHURVE	<i>Janhvi</i>	22	Twenty two
3	KHUSHI YOGESH CHITMALWAR	<i>Khushi</i>	27	Twenty seven
4	MAHVISH MOHD IQBAL PATEL	<i>Mahvi</i>	25	Twenty five
5	NAMEERA FIRDOS MOHD SALIM		ABSENT	
6	NEHA PURUSHOTTAM NAKADE	<i>Neha</i>	26	Twenty six
7	SANMEET KAUR RANDHAK	<i>Sanmeet</i>	26	Twenty six
8	SAKEENA ANJUM SHEIKH	<i>Sakeena</i>	24	Twenty four
9	SANGEETA MANIRAM DARWAI	<i>Sangeeta</i>	26	Twenty six
10	SHIKHA TULSIRAM PATEL	<i>Shikha</i>	23	Twenty three
11	TEJASWINI RAKESH DHOKE	<i>Tejaswini</i>	26	Twenty six
12	URVASHI RAMESHRAO PATIL	<i>Urvashi</i>	24	Twenty four
13	DURGESH NANDKISHOR BISEN	<i>Durgesh</i>	21	Twenty one
14	MOHANISH SANJAYRAO RITHE	<i>Mohanish</i>	21	Twenty one
15	PALASH VIJAY WARADE	<i>Palash</i>	21	Twenty one
16	ROHIT RAVISHANKAR DUBEY	<i>Rohit</i>	21	Twenty one
17	YASH SURESH PATHAK	<i>Yash</i>	20	Twenty only
18				
19				

[Signature]
INTERNAL EXAMINER

[Signature]
EXTERNAL EXAMINER

**RASTRASANT TUKDOJI MAHARAJ NAGPUR UNIVERSITY
NAGPUR**

B.Sc :- REGULAR Final Year B.Sc 5th SEM For Winter 2023

**College :- Annasaheb Gundewar College of Arts & Commerce College (008)
Katol Road Nagpur -13**

PRATICAL EXAM WINTER 2023

Subject :- Zoology

Date :- 26/12/2023

Time : 5Hr

Maximum mark - 30

Q.1 Detection of carbohydrate and protein --05m

Q.2 Identification and comments on the given Spots - 08m

- a) T.S of Intestine
- b) T.S of Pancreas
- c) Catla
- d) Labeo rohita
- e) Cyprinus
- f) Grasshopper
- g) House fly
- h) Honey bee

Q.3 Draw well labelled diagram of Reproductive System of Labeo --05m

Q.4 Permanent stain preparation slide of fish scale Cycloid -02m

Q.5 Submission, collection and study tour report --02m

Q.6 Submission of Certified Practical Record -03m

Q.7 Viva Voice -05m

Internal Examiner

Dr. R.K. Manjuman
**DRB Sindhu Mahavidyalaya,
Nagpur.**

External Examiner

Dr. K.R. Apraje
**(Dr. K.R. Apraje)
DRB Sindhu Mahavidyalaya,
Nagpur.**

RASHTRASANT TUKDOJI MAHARAJ NAGPUR UNIVERSITY

B.Sc.: - REGULAR F.Y.B.Sc. Fifth Semester For Winter-2023

College:- ANNASAHEB GUNDEWAR COLLEGE (008), KATOL ROAD,
NAGPUR -13

PRACTICAL EXAM WINTER-2023

SUBJECT:- ZOOLOGY

FOIL COUNTER FOIL

DATE:- 26/12/2023

DAY:- Tuesday

Maximum marks 30

Total No. of students - 17

No of students present 16

No of students absent 01

Sr. No.	Student's name	Signature	Marks in no.	Marks in words
1	DIKSHA DIPAK SHENDRE	<i>Diksha</i>	26	Twenty six
2	JANHAVI RAJKUMAR DHURVE	<i>Janhavi</i>	25	Twenty five
3	KHUSHI YOGESH CHITMALWAR	<i>Khushi</i>	25	Twenty five
4	MAHVISH MOHD IQBAL PATEL	<i>Mahvish</i>	25	Twenty five
5	NAMEERA FIRDOS MOHD SALIM	<i>Absent</i>		
6	NEHA PURUSHOTTAM NAKADE	<i>Neha</i>	21	Twenty one
7	SANMEET KAUR RANDHAK	<i>Sanmeet</i>	26	Twenty six
8	SAKEENA ANJUM SHEIKH	<i>Sakeena</i>	26	Twenty six
9	SANGEETA MANIRAM DARWAI	<i>Sangeeta</i>	25	Twenty five
10	SHIKHA TULSIRAM PATEL	<i>Shikha</i>	24	Twenty four
11	TEJASWINI RAKESH DHOKE	<i>Tejaswini</i>	28	Twenty eight
12	URVASHI RAMESHRAO PATIL	<i>Urvashi</i>	24	Twenty four
13	DURGESH NANDKISHOR BISEN	<i>Durgesh</i>	20	Twenty
14	MOHANISH SANJAYRAO RITHE	<i>Mohanish</i>	23	Twenty three
15	PALASH VIJAY WARADE	<i>Palash</i>	23	Twenty three
16	ROHIT RAVISHANKAR DUBEY	<i>Rohit</i>	22	Twenty two
17	YASH SURESH PATHAK	<i>Yash</i>	25	Twenty five
18				
19				

INTERNAL EXAMINER

R. K. Mangonwar
Dr. R. K. Mangonwar
DRB Sindhya Mahavidyalaya
Nagpur

EXTERNAL EXAMINER

R. K. A. Prasad
(Dr. R. K. A. Prasad)
DRB Sindhya Mahavidyalaya,
Nagpur

RASHTRASANT TUKDOJI MAHARAJ NAGPUR UNIVERSITY

PRACTICAL EXAM WINTER 2023

NAME OF EXAMINATION S.Y.P.S.C. FIFTH SEMESTER

NAME OF PRACTICAL CENTER : ANNASAHEB GUNDEWAR COLLEG, KATOL ROAD, NAGPUR (008)

MAXIMUM MARKS 50

DATE: 22/12/2023

SUBJECT : PHYSICS

FOIL / COUNTER FOIL

DAY Friday NO. OF STUDENT PRESENT ----- NO. OF STUDENT ABSENT ----- NO. OF STUDENT 07
TOTAL

SR.NO	SEAT NO.	STUDENT NAME	SIGNATURE	MARKS IN NO.	MARKS IN WORD
1		PRACHI ASHOK KUMAR	<i>P. Kumar</i>	29	Twenty nine
2		PRAJAKTA JITENDRA TUMANE	<i>Prajakta</i>	29	Twenty nine
3		RAHILA FIROZ PATHAN	<i>Rahila</i>	28	Twenty eight
4		SHEJAL RATNAKR WALWATKAR	<i>Shejal</i>	29	Twenty nine
5		STEFFI MINTO DAVID	<i>Steffi</i>	29	Twenty nine
6		YACHIKA PURSHOTAM MULE	<i>Yachika</i>	29	Twenty nine
7		YADNESH RAVI TUMANE	<i>Yadnesh</i>	29	Twenty nine.

SIGNATURE

INTERNAL EXAMINAR

EXTERNAL EXAMINAR

NAME AND ADDRESS

NAME AND ADDRESS

RTM NAGPUR UNIVERSITY NAGPUR
ANNASAHEB GUNDEWAR COLLEGE
KATOL ROAD, NAGPUR

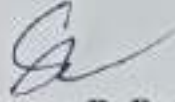
University Level Practical Examination

Winter 2023-24

B.Sc. III Sem.

Time 9:30 a.m. to 3:30. p.m.

Day	Date	Time	Subject
Saturday	14/12/2024	9:30 a.m. to 3:30. p.m.	Chemistry
Tuesday	17/12/2024	9:30 a.m. to 3:30. p.m.	Zoology
Wednesday	18/12/2024	9:30 a.m. to 3:30. p.m.	Botany
Wednesday	18/12/2024	9:30 a.m. to 3:30. p.m.	Physics


Dr. Gajanan B. Patil
Principal

Principal
Annasaheb Gundewar College
Katol Road, Nagpur.

Total 4500

RTM NAGPUR UNIVERSITY NAGPUR
ANNASAHEB GUNDEWAR COLLEGE
KATOL ROAD, NAGPUR


University Level Practical Examination

Winter 2023-24

B.Sc. V Sem.

Time 9:30 a.m. to 3:30. p.m.

Day	Date	Time	Subject
Tuesday	17/12/2024	9:30 a.m. to 3:30. p.m.	Chemistry
Wednesday	18/12/2024	9:30 a.m. to 3:30. p.m.	Zoology
Thursday	19/12/2024	9:30 a.m. to 3:30. p.m.	Botany


Dr. Gajanan B. Patil
Principal

Principal
Annasaheb Gundewar C
Katol Road, Nagpur.

ANNASAHEB GUNDEWAR COLLEGE

KATOL ROAD, NAGPUR-13

ASSIGNMENT [REDACTED]

Class- B.Com II Sem,

Subject- Com. English

Session 2023-24

Answer any two of the followings:-

1. Write about the scientist you admire. Describe the scientist, their work, or field of study; why it is you admire them.
2. What is unhealthy social media behavior, according to you?
3. Why is water conservation so important in India, according to you?
4. How do you prepare your speech?
5. Do you believe in compassion and helping those in need is valuable trait to develop? Elaborate.


Dr. P. D. Dashinikhi

ANNASAHEB GUNDEWAR COLLEGE

KATOL ROAD, NAGPUR-13

ASSIGNMENT ~~NOTICE~~

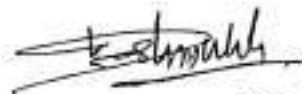
Class- B.Com IV Sem.

Subject- Supplementary English

Session 2023-24

Answer any two of the followings:-

1. Write about someone you know who had to face a lot of hardships in their professional life but managed to make the best of a bad situation with a positive attitude.
2. How is reliability essential for running a business? Describe.
3. What can you do to expand your business and earn more profit?
4. What do you understand by the word, professionalism? Whom would you call professional? Give at least five examples.
5. Do your family members enable you to perform your work well? How do you balance your personal relationships with your duties?


Dr. P. D. Deshmukh

ANNASAHEB GUNDEWAR COLLEGE

KATOL ROAD, NAGPUR-13

ASSIGNMENT ~~XXXXXX~~

Class- B. Sc II Sem.

Subject- Supplementary English

Session 2023-24

Answer any two of the followings:-

1. Describe the awkward situation you came across where you felt that you were taken for a ride. Describe how you tackled the situation.
2. Write your views on, Honesty is the Best Policy.
3. What is socialism? Do you think socialism can solve the problem of inequality in the society?
4. How do effective communication help person attain success in business? Describe.
5. Do you believe, "When you give cheerfully and accept gratefully, everyone is blessed". Elaborate


Dr. P.D. Deshmukh

ANNASAHEB GUNDEWAR COLLEGE

KATOL ROAD, NAGPUR-13

ASSIGNMENT ~~XXXXXXXXXX~~

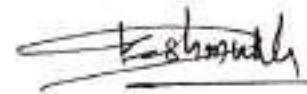
Class- B. Sc II Sem.

Subject- Com. English

Session 2023-24

Answer any two of the followings:-

1. Make groups and identify a problem or a gap in a product or service. Analyze the problem and suggest possible solutions. Suggest how the solutions can be converted into a scalable commercial enterprise.
2. What are the qualities and attributes that make person a true gentleman?
3. What role can formal education play to sharpen your entrepreneurial skills?
4. What according to you is true spirituality?
5. Write about a book, movie or a poem that has influenced your thinking about some historical event or current events?


Dr. P.D. Deshmukh