

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

B.Sc. 3rd SEMESTER (NEP) EXAMINATION OF WINTER 2025

(As Per NEP 2020 Examination Scheme)

-: PROGRAMME (WRITTEN) :-

(College Level Examination)

Note :-, This Time Table is Applicable to Regular of B.Sc. 3rd Semester (NEP) Examination.

TIME : 9.30 A.M. TO 12.30 P.M.

Sr.No	Subject	Thursday 01-01-2026 Minor 1	Saturday 03-01-2026 Minor 2	Tuesday 06-01-2026 Open Elective - I	Thursday 08-01-2026 DSC 5	Tuesday 13-01-2026 DSC 6	Thursday 15-01-2026 AEC
1.	Physics	Measurement, Mechanics, and Properties of Matter	Kinetic Theory of Gases and Thermodynamics	As Per Mentioned Below	Solid State Physics	Optics	Marathi/Hindi/Sanskrit/Gujarati/Urdu/Supplementary English
2.	Chemistry	Inorganic Chemistry-1 (Atomic structure, bonding and main group elements)	Organic Chemistry-1 (Fundamentals, stereochemistry and hydrocarbons)	As Per Mentioned Below	Physical Chemistry-2 (Thermodynamics, phase equilibria, electrochemistry and kinetics)	Inorganic Chemistry-2 (Bonding, transition elements and solutions)	Marathi/Hindi/Sanskrit/Gujarati/Urdu/Supplementary English
3.	Bio-Chemistry	Biomolecules & Nutritional Biochemistry	Microbial Biochemistry	As Per Mentioned Below	Agriculture Biochemistry	Enzymes and Enzyme Technology	Marathi/Hindi/Sanskrit/Gujarati/Urdu/Supplementary English
4.	Microbiology	Fundamentals of Microbiology	Basic Techniques in Microbiology	As Per Mentioned Below	Metabolism	Environmental Microbiology	Marathi/Hindi/Sanskrit/Gujarati/Urdu/Supplementary English
5.	Botany	Microorganisms-Viruses, Prokaryotes, Algae and Fungi	Cryptogams - Bryophyta, Paleobotany & Pteridophytes	As Per Mentioned Below	Algae, Fungi, Lichen & Plant Pathology	Fossil Angiosperms & Angiosperm Taxonomy	Marathi/Hindi/Sanskrit/Gujarati/Urdu/Supplementary English
6.	Zoology	Life and Diversity of Animals Nonchordates (Protozoa to Annelida)	Environmental Botany	As Per Mentioned Below	Life and Diversity of Animals- Chordates (Protochordata to Amphibia)	Genetics	Marathi/Hindi/Sanskrit/Gujarati/Urdu/Supplementary English
7.	Geology	Introduction to Geology	Mineralogy	As Per Mentioned Below	Igneous Rocks	Sedimentary Rocks	Marathi/Hindi/Sanskrit/Gujarati/Urdu/Supplementary English

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8.	Environmental Science	Fundamentals of Environmental Science	Environmental Biology	As Per Mentioned Below	Atmospheric Science, Meteorology and Climatology	Natural Resources and Management	Marathi/Hindi/Sanskrit/Gujarati/Urdu/Supplementary English
9.	Electronics	Semiconductor Theory & Devices	Digital Electronics	As Per Mentioned Below	Analog Electronic Circuits	Micro-controller 8051 Family	Marathi/Hindi/Sanskrit/Gujarati/Urdu/Supplementary English
10.	Computer Science	Programming in 'C'	Computer Fundamentals	As Per Mentioned Below	Data Structures	Linux Operating System	Marathi/Hindi/Sanskrit/Gujarati/Urdu/Supplementary English
11.	Mathematics	Algebra and Trigonometry	Differential Calculus	As Per Mentioned Below	Partial Differential Equations	Analytical Solid Geometry	Marathi/Hindi/Sanskrit/Gujarati/Urdu/Supplementary English
12.	Biotechnology	Introductory Microbial Biotechnology	Macromolecular Foundations of Biotechnology	As Per Mentioned Below	Molecular Biology –I	Molecular Biology –II	Marathi/Hindi/Sanskrit/Gujarati/Urdu/Supplementary English
13.	Information Technology	Programming in C	IT Support Technologies	As Per Mentioned Below	Data Structures	Java Programming	Marathi/Hindi/Sanskrit/Gujarati/Urdu/Supplementary English
14.	Forensic Science	Introduction to Forensic Science	Introduction to Crime Scene Investigation	As Per Mentioned Below	Fingerprints and Questioned Documents	Forensic Physics and Ballistics	Marathi/Hindi/Sanskrit/Gujarati/Urdu/Supplementary English
15.	Statistics	Probability Theory	Descriptive Statistics	As Per Mentioned Below	Statistical Methods	Applied Statistics	Marathi/Hindi/Sanskrit/Gujarati/Urdu/Supplementary English
16.	Cosmetic Technology	Natural Cosmetic Agents	Instrumental Methods of Analysis	As Per Mentioned Below	Cosmetic Technology	Cosmetic Chemistry	Drugs and Cosmetic Law Saturday, 17 - 01 - 2026 (VSEC) Dermatherapy & Beauty Culture
17.	Interior Design	Interior Design I	Material & Construction Techniques I	As Per Mentioned Below	Interior Design III	Material & Construction Techniques III	Marathi/Hindi/Sanskrit/Gujarati/Urdu/Supplementary English
18.	Fashion Design	Elements of Design	Fundamental of Textile -I	As Per Mentioned Below	Basics of Pattern Making -I	Construction Technique - I	Foundation of English Communication
19.	Textile Science	Elements of Design	Fundamental of Textile -I	As Per Mentioned Below	Basic WovenStructure – I	Applied Textile Design – I	Foundation of English Communication
20.	Artificial Intelligence	Linear Algebra	Programming with 'C++'	As Per Mentioned Below	Introduction to Artificial Intelligence	Database Management System	Marathi/Hindi/Sanskrit/Gujarati/Urdu/Supplementary English
21.	Data Science	Linear Algebra	Programming with 'C++'	As Per Mentioned Below	JAVA Programming	Digital Electronics and Microprocessor	Marathi/Hindi/Sanskrit/Gujarati/Urdu/Supplementary English
22.	Computer Application	Programming in 'C'	Computer Fundamentals	As Per Mentioned Below	Object Oriented Programming using 'C++'	Data Structure	Marathi/Hindi/Sanskrit/Gujarati/Urdu/Supplementary English
23.	Home Science	Fundamentals of Food and Nutrition	Fundamentals of Human Development	As Per Mentioned Below	Fundamentals of Home Science Extension	Chemistry in Home Science	Marathi/Hindi/Sanskrit/Gujarati/Urdu/Supplementary English

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24.	Applied Electronics & Software Technology	Computer Fundamentals	Electrical Engineering I	As Per Mentioned Below	Object Oriented Programming I	Digital Electronics I	Marathi/Hindi/Sanskrit/Gujarati/Urdu/Supplementary English

NOTE : The Examination/Evaluation for SEC,VSC and CC are required to be conducted at college level as per the provisions mentioned in academic directions of respective programs.

LIST OF OPEN ELECTIVE SUBJECTS FOR B.COM/B.A/B.Sc./B.Sc.(FINANCE)/B.A.(R.S)/B.A. (MASS COMMUNICATION) 3rd SEMESTER (NEP) EXAMINATION

Sr.No	Subject	OPEN ELECTIVE 1 Tuesday 06-01-2026
1.	Physics	Digital Systems
2.	Chemistry	Chemistry in Everyday Life
3.	Bio-Chemistry	Sports Biochemistry
4.	Microbiology	Metabolism of Biomolecules
5.	Botany	Nutraceuticals
6.	Zoology	Animal Husbandry
7.	Geology	Paedology and Soil Testing
8.	Environmental Science	Modern Technologies for Environmental Management
9.	Electronics	Basic Electronics for Life Science - 1
10.	Computer Science	Data Base Management System
11.	Mathematics	Basic Mathematics for Coding
12.	Biotechnology	Biotechnology in Forensic Science
13.	Information Technology	Data Base Management System
14.	Statistics	-----
15.	Cosmetic Technology	Introductory Pharmacology & Toxicology
16.	Interior Design	Environmental Psychology
17.	Fashion Design	Knitting Technology
18.	Textile Science	Study of Indian and Western Costumes
19.	Artificial Intelligence	-----
20.	Data Science	Data Base Management System

Sr.No	Subject	OPEN ELECTIVE 1 Tuesday 06-01-2026
21.	Computer Application	Data Base Management System
22.	Forensic Science	Introduction to Forensic Meteorology
23.	Applied Electronic & Software Tech.	Engineering Mechanics I
24.	Home Science	-----
25.	Marathi Literature	मराठी आत्मकथनांचा अभ्यास भाग १
26.	Hindi Literature	हिन्दी नाटक और रंगमंच
27.	Sanskrit Literature	धर्मशास्त्रा
28.	Pali Literature	Suttapitaka Itivuttaka
29.	English Literature	English Language Through Text - 3
30.	Urdu Literature	Urdu Grammer 2
31.	Persian Literature	Poetic Forms
32.	Arabic Literature	Basic Introduction of Arabic Grammer
33.	English	English Language Through Text – 3
34.	Marathi	मराठी व्याकरण विचार
35.	Hindi	सोशल मिडिया एवं ब्लॉग लेखन
36.	Sanskrit	धर्मशास्त्र
37.	Pali	Suttapitaka Udana
38.	Urdu	Urdu Grammar - 2
39.	Arabic	Basic Arabic Grammer 2
40.	Persian	Poetic Forms
41.	A.I.H.C. & Arch.	Sources of Ancient Indian History & Culture – III (Epigraphical Sources)
42.	History	Social Reformers in Modern Maharashtra
43.	Economics	Economics of GST
44.	Political Science	Indian National Movement And Constitutional Development-I

Sr.No	Subject	OPEN ELECTIVE 1 Tuesday 06-01-2026
45.	Philosophy	Introduction to Environmental Philosophy
46.	Public Administration	Indian Constitution
47.	Home Economics	Entrepreneurship Development
48.	Geography	Fundamentals of Geography (Oceanography)
48.	Geography	Fundamentals of Physical Geography (Climatology - II)
49.	Psychology	Counselling for Modern Area
50.	Fashion Designing	Modelling and Fashion Model
51.	Music	Fundamentals of Music (संगिताची मुलतत्वे)
52.	Fine Arts	3 D Design
53.	Sociology	Social Structure
54.	Buddhist Studies	Basic Concept of Buddhism
55.	Dr. Ambedkar Thought	Religious Philosophy of Dr. Ambedkar
56.	Gandhian Thought	Social Structure
57.	Commerce	Foundations of Financial Accounting
58.	Commerce	Economic Systems
59.	Commerce	School of Management Thoughts
60.	Commerce	Elements of Business Environment
61.	Commerce	Professional Ethics
62.	Fine Art	Elements of Perspective
63.	Social Work	Sociology for Social Work
64.	Library & Information Sci	Search strategies and Techniques

