



**B.Sc. 1<sup>st</sup> Sem (NEP) WINTER 2024**  
(936)

**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY**  
**B.Sc. 1<sup>ST</sup> SEMESTER (NEP) EXAMINATION OF WINTER 2024**  
**(As Per NEP 2020 Examination Scheme)**

**-: PROGRAMME (WRITTEN) :-**  
**(College Level Examination)**

**Note :-, This Time Table is Applicable to Regular Students of B.Sc. 1<sup>st</sup> Semester (NEP) Examination.**  
**TIME : 2.00 P.M. TO 5.00 P.M.**

Sr.No	Subject	Saturday 07-12-2024 AEC	Monday 09-12-2024 VEC	Wednesday 11-12-2024 Open Elective - I	Friday 13-12-2024 Open Elective - II	Monday 16-12-2024 DSC 1	Wednesday 18-12-2024 DSC 2	Friday 20-12-2024 IKS
1.	Physics	English	Environmental Science	As Per Mentioned Below	As Per Mentioned Below	Measurement Mechanics, and Properties of Matter	Kinetic Theory of Gases and Thermodynamics	Vedic Mathematics
2.	Chemistry	English	Environmental Science	As Per Mentioned Below	As Per Mentioned Below	Inorganic Chemistry – I (Atomic Structure, Bonding and Main Group Elements)	Organic Chemistry – I (Fundamentals, Stereochemistry and Hydrocarbons)	Vedic Mathematics
3.	Bio-Chemistry	English	Environmental Science	As Per Mentioned Below	As Per Mentioned Below	Biomolecules & Nutritional Biochemistry	Microbial Biochemistry	Vedic Mathematic
4.	Microbiology	English	Environmental Science	As Per Mentioned Below	As Per Mentioned Below	Fundamentals of Microbiology	Basic Techniques in Microbiology	Vedic Mathematics
5.	Botany	English	Environmental Science	As Per Mentioned Below	As Per Mentioned Below	Microorganisms-Viruses, Prokaryotes, Algae and Fungi	Cryptogams- -Bryophyta, Palaeobotany & Pteridophyta	Vedic Mathematics
6.	Zoology	English	Environmental Science	As Per Mentioned Below	As Per Mentioned Below	Life and Diversity of Animals- Nonchordates (Protozoa to Annelida)	Environmental Biology	Vedic Mathematics
7.	Geology	English	Environmental Science	As Per Mentioned Below	As Per Mentioned Below	Introduction to Geology	Rock Forming Minerals	Vedic Mathematics
8.	Environmental Science	English	Home Science/ Computer Application	As Per Mentioned Below	As Per Mentioned Below	Fundamentals of Environmental Science	Environmental Biology	Vedic Mathematics
9.	Electronics	English	Environmental Science	As Per Mentioned Below	As Per Mentioned Below	Semiconductor Theory & Devices	Digital Electronics	Vedic Mathematics
10.	Computer Science	English	Environmental Science	As Per Mentioned Below	As Per Mentioned Below	Programming in 'C'	Computer Fundamentals	Vedic Mathematics

Sr.No	Subject	Saturday 07-12-2024  AEC	Monday 09-12-2024  VEC	Wednesday 11-12-2024  Open Elective - I	Friday 13-12-2024  Open Elective - II	Monday 16-12-2024  DSC 1	Wednesday 18-12-2024  DSC 2	Friday 20-12-2024  IKS
11.	Mathematics	English	Environmental Science	As Per Mentioned Below	As Per Mentioned Below	Algebra And Trigonometry	Differential Calculus	Vedic Mathematics
12.	Biotechnology	English	Environmental Science	As Per Mentioned Below	As Per Mentioned Below	Introductory Microbial Biotechnology	Cellular Macromolecules	Vedic Mathematics
13.	Information Technology	English	Environmental Science	As Per Mentioned Below	As Per Mentioned Below	Programming in 'C'	IT Support Technologies	Vedic Mathematics
14.	Forensic Science	English	Environmental Science	As Per Mentioned Below	As Per Mentioned Below	Forensic Science	Digital & Cyber Forensic	Vedic Mathematics
15.	Statistics	English	Environmental Science	As Per Mentioned Below	As Per Mentioned Below	Probability Theory	Descriptive Statistics	Vedic Mathematics
16.	Forensic Science	English	Environmental Science	As Per Mentioned Below	As Per Mentioned Below	Forensic Science	Digital & Cyber Forensic	Vedic Mathematics
17	Cosmetic Technology	English Communication Skills	Environmental Science	As Per Mentioned Below	As Per Mentioned Below	Cosmetic Chemistry	Natural Cosmetic Agent	Ancient History of Cosmetics <b>Monday, 23 - 12 - 2024 (VEC)</b> Derma Therapy & Beauty Culture
18.	Interior Design	English	Environmental Science	As Per Mentioned Below	As Per Mentioned Below	Interior Design I	Material & Construction Techniques I	Vedic Mathematics
19	Fashion Design	Functional English	Environmental Science	As Per Mentioned Below	As Per Mentioned Below	Elements of Design	Fundamentals of Textile – I	Traditional Indian Textile – I
20	Textile Science	Functional English	Environmental Science	As Per Mentioned Below	As Per Mentioned Below	Elements of Design	Fundamentals of Textile – I	Traditional Indian Textile – I
21	Artificial Intelligence	English Compulsory	Environmental Science	As Per Mentioned Below	As Per Mentioned Below	Programming With C ++	Operating Systems and Linux	Vedic Mathematics
22	Data Science	English Compulsory	Environmental Science	As Per Mentioned Below	As Per Mentioned Below	Linear Algebra	Programming With 'C++'	Vedic Mathematics
23	Computer Application	English	Environmental Science	As Per Mentioned Below	As Per Mentioned Below	Programming in 'C'	Computer Fundamentals	Vedic Mathematics
24	Home Science	Compulsory English	Environmental Science	As Per Mentioned Below	As Per Mentioned Below	Fundamental of Food and Nutrition	Fundamental of Human Development	Indian Knowledge of Home Science – I
25.	Applied Electronics & Software Technology	Compulsory English	Environmental Science	As Per Mentioned Below	As Per Mentioned Below	Computer Fundamentals	Electrical Engineering I	Vedic Mathematics

**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) 1<sup>ST</sup> SEMESTER (NEP) EXAMINATION**

Sr.No	Subject	OPEN ELECTIVE 1 Wednesday, 11 - 12 – 2024	OPEN ELECTIVE 2 Friday, 13 - 12 – 2024
1.	<b>Physics</b>	Space Science	-----
2.	<b>Chemistry</b>	Food Adulteration	Cosmetic Chemistry
3.	<b>Bio-Chemistry</b>	Food Biochemistry	Health & Wellness
4.	<b>Microbiology</b>	Introduction and Scope of Microbiology	Introduction to Microscopy and Staining
5.	<b>Botany</b>	Bio Fertilisers, Bio-Pesticides and Composting	Indoor Gardening and Landscaping
6.	<b>Zoology</b>	1. Human Anatomy and Physiology 2. Indian Birds	1. Reproductive Biology 2. Attractive Insects
7.	<b>Geology</b>	Topographic Map Reading	Geostatistic in Geology
8.	<b>Environmental Science</b>	Environmental Conservation Movements	Environmental and Public Health
9.	<b>Electronics</b>	Basic Electronic Components & Instruments	Communication & Broadcasting
10.	<b>Computer Science</b>	Computer Fundamentals	Office Automation
11.	<b>Mathematics</b>	Quantitative Aptitude	Basic Statistics
12.	<b>Biotechnology</b>	Biotechnology and Human Welfare	Fermented Foods
13.	<b>Information Technology</b>	-----	-----
14.	<b>Statistics</b>	Elementary Descriptive Statistics	Statistics For Competitive Examinations
15.	<b>Cosmetic Technology</b>	Physical Chemistry	Organic Chemistry
16.	<b>Interior Design</b>	Mathematics I`	Cultural Anthropology I
17.	<b>Fashion Design</b>	Computer Basics	Chemical Processing – I
18.	<b>Textile Science</b>	Computer Basics	Chemical Processing – I
19.	Artificial Intelligence	-----	-----

Sr.No	Subject	OPEN ELECTIVE 1 Wednesday, 11 - 12 – 2024	OPEN ELECTIVE 2 Friday, 13 - 12 – 2024
20.	Data Science	-----	-----
21.	Computer Application	Computer Fundamentals	Office Automation
22.	Forensic Science	A) Introduction to Sports Forensic B) Toxicology in Everyday Life C) Optics and Optical Instruments D) General Instruments In Forensic Biology E) Psychology of Health & Well Being- I (Psychology) F) Computer Fundamentals G) Crime and Criminal Behaviour (Law)	A) Introduction to Forensic Journalism B) Basic Analytical Chemistry C) Basic Analog and Digital Electronics D) Basic of Enzymology E) Psychology of Health & Well Being -II (Psychology) F) Programming With C
23.	Applied Electronic & Software Tech.	Engineering Mathematics I	Social Science I
24.	Home Science	-----	-----
25.	Marathi Literature	साहित्यविचार व साहित्य कौशल्य १	-----
26.	Hindi Literature	हिन्दी सृजनात्मक लेखन	-----
27.	Sanskrit Literature	पंचतंत्र	-----
28.	Pali Literature	Suttapitak : Suttanipata	-----
29.	English Literature	English Language Through Text - 1	-----
30.	Urdu Literature	Urdu Talaffuz	-----
31.	Persian Literature	Persian Grammer	-----
32.	Arabic Literature	Mud Khil Ila Al-Lugatul Al-Arabiya	-----
33.	English	English Language Through Text – 1	-----
34.	Marathi	भाषाज्ञान व भाषाकौशल्य १	-----
35.	Hindi	हिन्दी भाषा का व्यावहारिक व्याकरण	-----

Sr.No	Subject	OPEN ELECTIVE 1 Wednesday, 11 - 12 – 2024	OPEN ELECTIVE 2 Friday, 13 - 12 – 2024
36.	Sanskrit	पंचतंत्र	-----
37.	Pali	Suttapitaka : Udan	-----
38.	Urdu	Urdu Talaffuz	-----
39.	Arabic	Particular Points of Arabic Grammar	-----
40.	Persian	Persian Grammer	-----
41.	A.I.H.C. & Arch.	Sources of Ancient Indian History & Culture – I (Literary Sources)	-----
42.	History	Indian Freedom Struggle : 1885 To 1947 A.D.	-----
43.	Economics	Entrepreneurial Economics	-----
44.	Political Science	India Government and Politics	-----
45.	Philosophy	Introduction to Philosophy	-----
46.	Public Administration	Rural Development Administration in India	-----
47.	Home Economics	Interior and Home Decoration	-----
48.	Geography	Fundamentals of Physical Geography (Geomorphology I)	-----
49.	Geography	Fundamentals of Physical Geography (Geomorphology II)	-----
50.	Psychology	General Psychology - I	-----
51.	Fashion Designing	Fashion Accessories	-----
52.	Music	Music Fundamentals	-----
53.	Fine Arts	Elements of Perspective	-----
54.	Sociology	Fundamentals of Sociology	-----
55.	Buddhist Studies	Basic Concepts of Buddhism	-----
56.	Dr. Ambedkar Thought	Social Struggle of Dr. Ambedkar	-----
57.	Dr. Ambedkar Thought	Political Movement of Dr. Ambedkar	-----
58.	Gandhian Thought	-----	-----
59.	Commerce	Foundation of Financial Accounting	Elements of Business Environment

Sr.No	Subject	OPEN ELECTIVE 1 Wednesday, 11 - 12 – 2024	OPEN ELECTIVE 2 Friday, 13 - 12 – 2024
60.	Commerce	Economic Systems	Professional Ethics
61.	Commerce	School of Management Thoughts	-----
62.	Fine Art	Elements of Perspective	-----
63	Social Work	Psychology for Social Work	-----
64	Mass Comm.	Introduction to Photography	-----
65	Mass Comm.	Introduction to Advertising	-----

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**GENERAL INSTRUCTIONS FOR SEATING ARRANGEMENT**

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

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Nagpur

Date: 16<sup>th</sup> November 2024

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