



# PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

## FINAL PROGRAM OF B.Sc. SEMESTER – I TO VI MAR-2024 EXAMINATION TO BE HELD IN MAR.-2024

1. Students should see their Seat No. and Name in the Name list and mistakes if any should be communicated to this office immediately. All candidates are requested to confirm their Examination Seat No. as well as place of examination on the Notice Board of the University/College mentioned below at least two days before the date of Examination. The candidate should write correct Seat No. on each Answer Book. If candidate writes wrong Seat No. on Answer Book the performance of such subject will not be considered.
2. Candidates are requested to be present at their respective places of examinations **FIFTEEN MINUTES** before the time starting of the first paper and **TEN MINUTES** before the time of starting of each subsequent paper. Candidates are forbidden to take any book or paper into the Examination Hall.
3. (**Important Note:**Code Numbers given in the Bracket are Computer Code of respective Subjects, Students should mention these Code Numbers on Answer Books with Name of the Subject. Also write these Code Numbers on JSR (Junior Supervisor Report) and related documents)
4. All the Candidates are asked to follow the timely instructions given by University in accordance with the examinations methodology.
5. As per the Rights of Person with Disabilities Act-2016 the persons with Disabilities are given 20 minutes extra for one per hour for the Online/Offline exam. (केंद्र शासनाच्या अपंग व्यक्ती अधिकार अधिनियम २०१६ मधील तरतूदीनुसार अपंग विद्यार्थ्यांना ऑनलाईन व ऑफलाईन परीक्षेमध्ये सर्वसाधारण विद्यार्थ्यांपेक्षा १ तासाला कमीत कमी २० मिनीट इतका वेळ वाढवून देण्यास सर्वानुमते मान्यता देण्यात आली.)

### The Centers and places of the Examinations will be as under.

| Sr. No. | Center     | College Abbreviation | Place   |
|---------|------------|----------------------|---|
| 1       | SOLAPUR    | DBF                  | D.B.F. Dayanand College of Arts & Science                 |
| 2       |            | VASU                 | Vasundhara Arts College                                   |
| 3       |            | GVCB                 | Global Village Arts, Science & Commerce College, Boramani |
| 4       |            | ASCENT               | Ascent College ,Kandalgaon                                |
| 5       |            | LBP                  | L.B.P. MahilaMahavidyalaya                                |
| 6       |            | HN                   | H.N. College of Commerce                                  |
| 7       | PANDHARPUR | KBP                  | K.B.P. Mahavidyalaya                                      |
| 8       |            | SKMC                 | Shrikurshan Mahavidyalaya, Chale                          |
| 9       | BARSHI     | SBZ                  | Shriman Bhausahab Zadbuke Mahavidyalaya                   |
| 10      |            | SMB                  | Shri. Shivaji Mahavidyalaya                               |
| 11      | SHELGAON   | HCCB                 | Hemuji Chandele College, Shelgaon (R)                     |
| 12      | SANGOLA    | GDMAS                | Dr. Ganpatrao Deshmukh Mahavidyalaya,                     |
| 13      |            | SANG                 | Sangola College, Sangola                                  |
| 14      |            | DASPM                | Dipak Aba Salunkhe-Patil Mahavidyalaya, Kole              |
| 15      | AKLUJ      | SMM                  | Shankarrao Mohite Mahavidyalaya                           |
| 16      | MALSHIRAS  | SGAC                 | Sameer Gandhi Kala Mahavidyalaya                          |
| 17      | KARMALA    | YCMK                 | Yashwantrao Chavan Mahavidyalaya                          |
| 18      | AKKALKOT   | CBK                  | C.B.Khedgi's College                                      |
| 19      | NATEPUTE   | SMSMPM               | S.M. Shankarrao Mohite Patil College                      |

| Sr. No. | Center      | College Abbreviation | Place   |
|---------|-------------|----------------------|---|
| 20      | MANGALWEDHA | MMP                  | Madansinh Mohite-Patil Sci. Mahavidyalaya                         |
| 21      |             | SDM                  | Sant Damaji Mahavidyalaya   |
| 22      |             | DMKG                 | Shikshan Prasarak Mandal, (Dalit Mitr Kadam Guruji Mahavidyalaya) |
| 23      | KURDUWADI   | KNB                  | K.N.Bhise College   |
| 24      | ANGAR       | BPCAS                | Baburao Patil College   |
| 25      | WADALA      | MMW                  | Mauli Mahavidyalaya   |
| 26      | MANDRUP     | SBPC                 | Santosh Bhimrao Patil College                                     |
| 27      | Mohol       | DSG                  | D.S. Garad Mahavidyalaya  |
| 28      | MADHA       | ACCM                 | Arts & Commerce College   |

- वरील तक्त्यात दर्शविलेल्या परीक्षा केंद्रा व्यतिरिक्त प्रथम वर्ष अभ्यासक्रमासाठी संबंधित महाविद्यालयास परीक्षा केंद्र देण्यात आलेले आहे. त्यानुसार पुढील योग्य ती कार्यवाही करण्यात यावी.

The Written Examination will be conducted in the following order

| <b>B.Sc.Sem-I(NEWw.e.f.June2022)</b><br><b>(CBCSPattern-2022)</b> |               |   |                |   |
|---|---------------|---|----------------|---|
| <b>Day&amp;Date</b>   | <b>Sr. No</b> | <b>Subject</b><br><b>Time: 12:00p.m.To02:00p.m.</b>                               | <b>Sr. No.</b> | <b>Subject</b><br><b>Time:3:00p.m.To05:00p.m.</b>   |
| Friday<br>05/04/2024  | 1             | English(Comp.)(22221101)<br>Communication Skill                                   |                |   |
| Monday<br>08/04/2024  | 2             | CHEMISTRY Paper-I(22221106)<br>Physical Chemistry                                 | 3              | COMPUTER SCIENCE Paper-I(22221120)<br>Fundamental of Computer                             |
| Wednesday<br>10/04/2024   | 4             | CHEMISTRY Paper-II(22221107)<br>Inorganic Chemistry                               | 5              | COMPUTERSCIENCE Paper-II<br>(22221121)<br>Programing Using C                              |
| Friday<br>12/04/2024  | 6             | PHYSICS Paper-I(22221104)<br>Mechanics and properties of<br>Matter                | 7              | MICROBIOLOGY Paper-I(22221114)<br>Introduction to Microbiology and<br>Microbial Diversity |
| Saturday<br>13/04/2024  | 8             | PHYSICS Paper-II(22221105)<br>Optics  | 9              | MICROBIOLOGY Paper-II(22221115)<br>Cell cytology and Microbial Techniques                 |
| Monday<br>15/04/2024  | 10            | STATISTICS Paper-I(22221108)<br>Descriptive Statistics-I                          | 11             | ZOOLOGY Paper-I(22221122)<br>Animal DiversityI  |
| Tuesday<br>16/04/2024   | 12            | STATISTICS Paper-II(22221109)<br>Elementary Probability<br>Theory                 | 13             | ZOOLOGY Paper-II(22221123)<br>Animal diversity-II   |
| Thursday<br>18/04/2024  | 14            | MATHEMATICS Paper-I<br>(22221116)<br>Algebra                                      | 15             | BOTANY Paper-I(22221102)<br>Microbiology and Phycology                                    |
| Friday<br>19/04/2024  | 16            | MATHEMATICS Paper-II<br>Calculus(22221117)  | 17             | BOTANY Paper-II(22221103)<br>Fungi and Archegoniate                                       |
| Saturday<br>20/04/2024  | 18            | ELECTRONICS Paper-I<br>(22221118)<br>Basic Circuit Theory and<br>Network Analysis | 19             | PSYCHOLOGY Paper-I<br>General PsychologyI (22221112)                                      |
|   | 20            | GEOGRAPHY Paper-I<br>(22221124)<br>Geomorphology-I                                | 21             | GEOLOGY Paper-I(22221110)<br>PHYSICALGEOLOGY  |
| Monday<br>22/04/2024  | 22            | ELECTRONICS Paper-II<br>(22221119)<br>Digital Fundamentals                        | 23             | PSYCHOLOGY Paper-II(22221113)<br>Developmental Psychology                                 |
|   | 24            | GEOGRAPHY Paper-II<br>(22221125)<br>Geomorphology-II                              | 25             | GEOLOGY Paper-II(22221111)<br>PALAEONTOLOGY   |

**B.Sc.Sem-II(NEWw.e.f.June2022)**

**(CBCSPattern-2022)**

| Day&Date                | Sr. No | Subject<br>Time: 9:00 a.m. to 11:00 a.m                                       | Sr. No. | Day& Date               | Subject<br>Time: 12:00p.m.to2:00p.m                                       |
|-------------------------|--------|---|---------|-------------------------|---|
| Friday<br>10/05/2024    | 26     | English (Comp.)(22221201)<br>Communication Skill                              | --      | -----                   |   |
| Saturday<br>11/05/2024  | 27     | CHEMISTRY Paper-III(22221208)<br>Organic Chemistry                            | 28      | Saturday<br>11/05/2024  | COMPUTER SCIENCE Paper-III<br>(22221229)<br>Introduction to Web Designing |
| Monday<br>13/05/2024    | 29     | CHEMISTRY Paper-IV(22221209)<br>Analytical Chemistry                          | 30      | Monday<br>13/05/2024    | COMPUTERSCIENCE Paper-<br>IV (22221230)<br>Operating System               |
| Tuesday<br>14/05/2024   | 31     | PHYSICS Paper-III(22221205)<br>Heat and Thermodynamics                        | 32      | Tuesday<br>14/05/2024   | MICROBIOLOGY Paper-III(22221220)<br>Microbial Metabolism and Cultivation  |
| Wednesday<br>15/05/2024 | 33     | PHYSICS Paper-IV(22221206)<br>Electricity, Magnetism and Basic<br>Electronics | 34      | Wednesday<br>15/05/2024 | MICROBIOLOGY Paper-IV(22221221)<br>AppliedMicrobiology                    |
| Thursday<br>16/05/2024  | 35     | STATISTICS Paper-III(22221211)<br>Descriptive Statistics-II                   | 36      | Thursday<br>16/05/2024  | ZOOLOGY Paper-III(22221232)<br>COMPARATIVE ANATOMY OF<br>VERTEBRATES      |
| Friday<br>17/05/2024    | 37     | STATISTICS Paper-IV(22221212)<br>Discrete Probability<br>Distribution         | 38      | Friday<br>17/05/2024    | ZOOLOGY Paper-IV(22221233)<br>DevelopmentalBiologyofvertebrates           |
| Saturday<br>18/05/2024  | 39     | MATHEMATICSPaper-III<br>(22221223)<br>Geometry                                | 40      | Saturday<br>18/05/2024  | BOTANYPaper-III(22221202)<br>PlantEcology                                 |
| Monday<br>20/05/2024    | 41     | MATHEMATICSPaper-IV(22221224)<br>DifferentialEquations                        | 42      | Monday<br>20/05/2024    | BOTANYPaper-IV(22221203)<br>TaxonomyofAngiosperms                         |
| Tuesday<br>21/05/2024   | 43     | ELECTRONICSPaper-III(22221226)<br>SemiconductorDevices                        | 45      | Tuesday<br>21/05/2024   | PSYCHOLOGYPaper-III(22221217)<br>FundamentalPsychology                    |
|                         | 44     | PHYSICAL GEOGRAPHY Paper-<br>III(22221235)<br>HumanGeographyI                 | 46      |                         | GEOLOGYPaper-III(22221214)<br>STRUCTURAL GEOLOGY                          |
| Wednesday<br>22/05/2024 | 47     | ELECTRONICSPaper-IV(22221227)<br>DigitalElectronics                           | 49      | Wednesday<br>22/05/2024 | PSYCHOLOGYPaper-IV(22221218)<br>DevelopmentalPsychology                   |
|                         | 48     | PHYSICAL GEOGRAPHY Paper- IV<br>(22221236)<br>HumanGeographyII                | 50      |                         | GEOLOGYPaper-IV(22221215)<br>CRYSTALLOGRAPHY                              |

**B.Sc.Sem-III (NEW w.e.f.June2023)**

**(CBCSPattern-2022)**

| Day&Date                | Sr. No | Subject<br>Time: 12:00 p.m. to 2:00 p.m                                | Day&Date                | Sr. No | Subject<br>Time: 3:00 p.m. to 5:00 p.m   |
|-------------------------|--------|--|-------------------------|--------|--|
| Wednesday<br>24/04/2024 | 51     | CHEMISTRY Paper-V(22221330)<br>Organic Chemistry                       | Wednesday<br>24/04/2024 | 52     | COMPUTERSCIENCE Paper-V<br>( 22221320)<br>Data Structure   |
| Thursday<br>25/04/2024  | 53     | CHEMISTRY Paper-VI(22221331)<br>Inorganic Chemistry                    | Thursday<br>25/04/2024  | 54     | COMPUTERSCIENCE Paper-VI<br>( 22221321)<br>Software Engineering                                    |
| Friday<br>26/04/2024    | 55     | PHYSICS Paper-V ( 22221304)<br>General Physics and Sound               | Friday<br>26/04/2024    | 56     | BIO-CHEMISTRY Paper-I( 22221306)<br>Biomolecules   |
|                         |        |  |                         | 57     | PLANT PROTECTION Paper-V<br>( 22221312)<br>Major crops and methods of integrated plant protection. |
| Saturday<br>27/04/2024  | 58     | PHYSICS Paper-VI<br>( 22221305) Electronic Devices<br>and Applications | Saturday<br>27/04/2024  | 59     | BIO-CHEMISTRY Paper-II<br>( 22221307)<br>Biochemical Techniques                                    |
|                         |        |  |                         | 60     | PLANT PROTECTION Paper-VI<br>( 22221313)<br>Crop Diseases and their management                     |
| Monday<br>29/04/2024    | 61     | STATISTICS Paper-V ( 22221308)<br>Probability Distributions            | Monday<br>29/04/2024    | 62     | METEOROLOGY Paper-I<br>( 22221326)<br>Climatology  |
|                         |        |  |                         | 63     | GEO-CHEMISTRY Paper-I( 22221328)<br>Introduction to Geochemistry                                   |
|                         |        |  |                         | 64     | ZOOLOGY Paper-V( 22221322)<br>Cell Biology   |
| Tuesday<br>30/04/2024   | 65     | STATISTICS Paper-VI ( 22221309)<br>Statistical Methods-I               | Tuesday<br>30/04/2024   | 66     | METEOROLOGY Paper-II( 22221327)<br>General Meteorology   |
|                         |        |  |                         | 67     | GEO-CHEMISTRY Paper-II<br>( 22221329)<br>Introduction to Solar System and<br>Geo-Spheres           |
|                         |        |  |                         | 68     | ZOOLOGY Paper-VI( 22221323)<br>Principles of Ecology   |
| Thursday<br>02/05/2024  | 69     | MATHEMATICS Paper-V<br>( 22221316)<br>Differential Calculus            | Thursday<br>02/05/2024  | 70     | BOTANY Paper-V( 22221302)<br>Plant Anatomy   |
| Friday<br>03/05/2024    | 71     | MATHEMATICS Paper-VI<br>( 22221317) Laplace Transform                  | Friday<br>03/05/2024    | 72     | BOTANY Paper-VI( 22221303)<br>Plant Metabolism   |
| Saturday<br>04/05/2024  | 73     | ELECTRONICS Paper-V<br>( 22221318) Electronic Circuits                 | Saturday<br>04/05/2024  | 75     | GEOLOGY Paper-V( 22221310)<br>MINERALOGY   |
|                         | 74     | GEOGRAPHY Paper-V<br>( 22221324)<br>Climatology                        |                         | 76     | MICROBIOLOGY Paper-V<br>( 22221314)<br>Bacterial Cytology, Physiology and<br>Metabolism            |
| Thursday<br>09/05/2024  | 77     | ELECTRONICS Paper-VI<br>( 22221319)<br>Pulse & Switching Circuits      | Thursday<br>09/05/2024  | 79     | GEOLOGY Paper-VI( 22221311)<br>IGNEOUS PETROLOGY   |
|                         | 78     | GEOGRAPHY Paper-VI<br>( 22221325)<br>Geography of India                |                         | 80     | MICROBIOLOGY Paper-VI<br>( 22221315)<br>Fundamentals of Bacterial Genetics                         |

| <b>B.Sc.Sem-III(w.e.f.June2020)</b><br><b>(CBCSPattern-2019) (Old up to MAR-2024)</b> |        |   |                         |        |   |
|---|--------|---|-------------------------|--------|---|
| Day&Date  | Sr. No | Subject<br>Time: 12:00 p.m. to 2:00 p.m                       | Day&Date                | Sr. No | Subject<br>Time: 3:00 p.m. to 5:00 p.m  |
| Wednesday<br>24/04/2024   | 81     | CHEMISTRYPaper-V(19201305)<br>OrganicChemistry                | Wednesday<br>24/04/2024 | 82     | COMPUTERSCIENCEPaper-V<br>(19201307) Data Structure   |
| Thursday<br>25/04/2024  | 83     | CHEMISTRYPaper-VI(19201306)<br>InorganicChemistry             | Thursday<br>25/04/2024  | 84     | COMPUTERSCIENCE Paper-VI<br>(19201308)Designanalysis and<br>Algorithm                         |
| Friday<br>26/04/2024  | 85     | PHYSICSPaper-V(19201323)<br>GeneralPhysicsandSound            | Friday<br>26/04/2024    | 86     | BIO-CHEMISTRYPaper-I(19201303)<br>Biomolecules  |
|   |        |   |                         | 87     | PLANTPROTECTION Paper-I<br>(19201325)<br>Majorcropsandmethodsofint<br>egratedplantprotection. |
| Saturday<br>27/04/2024  | 88     | PHYSICSPaper-VI(19201324)<br>Electronics                      | Saturday<br>27/04/2024  | 89     | BIO-CHEMISTRYPaper-II(19201304)<br>BiochemicalTechniques                                      |
|   |        |   |                         | 90     | PLANTPROTECTIONPaper-II(19201326)<br>CropDiseasesandtheirmanagement                           |
| Monday<br>29/04/2024  | 91     | STATISTICSPaper-V(19201329)<br>ProbabilityDistributions-I     | Monday<br>29/04/2024    | 92     | METEOROLOGYPaper-I(19201321)<br>Climatology   |
|   |        |   |                         | 93     | GEO-CHEMISTRYPaper-I(19201313)<br>IntroductiontoGeochemistry                                  |
|   |        |   |                         | 94     | ZOOLOGYPaper-V(19201331)<br>CellBiology   |
| Tuesday<br>30/04/2024   | 95     | STATISTICSPaper-VI(19201330)<br>StatisticalMethods            | Tuesday<br>30/04/2024   | 96     | METEOROLOGYPaper-II(19201322)<br>GeneralMeteorology   |
|   |        |   |                         | 97     | GEO-CHEMISTRYPaper-II(19201314)<br>IntroductiontoSolarSystemand<br>Geo-Sphers                 |
|   |        |   |                         | 98     | ZOOLOGYPaper-VI(19201332)<br>PrinciplesofEcology  |
| Thursday<br>02/05/2024  | 99     | MATHEMATICSPaper-V<br>(19201319)<br>DifferentialCalculus      | Thursday<br>02/05/2024  | 100    | BOTANYPaper-V(19201301)<br>PlantAnatomy   |
| Friday<br>03/05/2024  | 101    | MATHEMATICS Paper-VI<br>(19201320)<br>LaplaceTransform        | Friday<br>03/05/2024    | 102    | BOTANYPaper-VI(19201302)<br>Plantmetabolism   |
| Saturday<br>04/05/2024  | 103    | ELECTRONICSPaper-V<br>(19201309)<br>Electronic Circuits       | Saturday<br>04/05/2024  | 105    | PSYCHOLOGYPaper-V(19201327)<br>ExperimentalPsychology   |
|   | 104    | GEOGRAPHYPaper-V<br>(19201311)<br>Climatology                 |                         | 106    | GEOLOGYPaper-V(19201315)<br>IGNEOUSPETROLOGY  |
|   |        |   |                         | 107    | MICROBIOLOGYPaper-V(19201317)<br>BacterialCytologyandPhysiology                               |
| Thursday<br>09/05/2024  | 108    | ELECTRONICS Paper-VI<br>(19201310)Pulse&Switching<br>Circuits | Thursday<br>09/05/2024  | 110    | PSYCHOLOGYPaper-VI(19201328)<br>SocialPsychology  |
|   | 109    | GEOGRAPHY Paper-VI<br>(19201312)<br>GeographyofIndia          |                         | 111    | GEOLOGY Paper-VI<br>(19201316)SEDIMENTARYANDMETA<br>MORPHICPETROLOGY                          |
|   |        |   |                         | 112    | MICROBIOLOGYPaper-VI(19201318)<br>BacterialGenetics   |

| <b>B.Sc.Sem-IV(NEWw.e.f.Nov2023)</b><br><b>(CBCSPattern-2022)</b> |        |  |                        |         |  |
|---|--------|--|------------------------|---------|--|
| Day&Date  | Sr. No | Subject<br>Time: 9:00 a.m. to 11:00 a.m.                                     | Day&Date               | Sr. No. | Subject<br>Time: 9:00 a.m. to 11:00 a.m.   |
| Friday<br>05/04/2024  | 276    | CHEMISTRYPaper-VII(22221444)<br>PhysicalChemistry                            | Monday<br>08/04/2024   | 113     | COMPUTERSCIENCEPaper-VII<br>(22221429)<br>Core Java                              |
| Wednesday<br>10/04/2024   | 114    | CHEMISTRYPaper-VIII(22221445)<br>Analytical&IndustrialInorganic<br>Chemistry | Friday<br>12/04/2024   | 115     | COMPUTERSCIENCEPaper-VIII<br>(22221430)<br>DBMS Using Oracle                     |
| Saturday<br>13/04/2024  | 116    | PHYSICSPaper-VII(22221405)<br>Geometrical, Physical and Fiber<br>Optics      | Modnay<br>15/04/2024   | 117     | BIO-CHEMISTRYPaper-III(22221408)<br>NUTRITIONANDMETABOLISM                       |
| Tuesday<br>16/04/2024   | 119    | PHYSICSPaper-VIII(22221406)<br>ModernPhysics                                 | Thursday<br>18/04/2024 | 118     | PLANTPROTECTIONPaper-VII<br>(22221417)<br>Introductiontoweeds&non<br>insectpests |
| Friday<br>19/04/2024  | 122    | STATISTICS Paper-VII(22221411)<br>Continuous Probability Distributions       | Thursday<br>18/04/2024 | 120     | BIO-CHEMISTRYPaper-IV(22221409)<br>MOLECULARBIOCHEMISTRY&DISEASES                |
| Monday<br>22/04/2024  | 126    | STATISTICS Paper-VIII(22221412)<br>Statistical Methods-II                    | Friday<br>20/04/2024   | 121     | PLANTPROTECTIONPaper-VIII<br>(22221418)<br>Insectpestsandtheir<br>Management.    |
| Wednesday<br>24/04/2024   | 130    | MATHEMATICS Paper-VII<br>(22221423)<br>Differential Equations                | Saturday<br>20/04/2024 | 123     | METEOROLOGYPaper-III(22221438)<br>AppliedClimatology                             |
| Friday<br>26/04/2024  | 132    | MATHEMATICS Paper-VIII<br>(22221424)<br>Abstrac3tAlgebra-I                   | Saturday<br>20/04/2024 | 124     | GEO-CHEMISTRYPaper-III(22221441)<br>PrinciplesofGeochemistry                     |
| Monday<br>29/04/2024  | 134    | GEOGRAPHYPaper-VII(22221435)<br>EconomicGeography                            | Saturday<br>20/04/2024 | 125     | ZOOLOGYPaper-VII(22221432)<br>FundamentalsofBiochemistry                         |
| Monday<br>29/04/2024  | 135    | ELECTRONICSPaper-VII(22221426)<br>Operational Amplifierand<br>Applications   | Tuesday<br>23/04/2024  | 127     | METEOROLOGYPaper-IV(22221439)<br>MeteorologicalInstruments                       |
| Thursday<br>02/05/2024  | 139    | GEOGRAPHY Paper-VIII(22221436)<br>EnvironmentalGeography                     | Tuesday<br>23/04/2024  | 128     | GEO-CHEMISTRYPaper-IV(22221442)<br>ChemistryoftheEarth                           |
| Thursday<br>02/05/2024  | 140    | ELECTRONICSPaper-VIII(22221427)<br>DigitalTechniques and<br>Microprocessor   | Tuesday<br>23/04/2024  | 129     | ZOOLOGYPaper-VIII(22221433)<br>Physiology Control & Coordination                 |
| Thursday<br>02/05/2024  | 139    | GEOGRAPHY Paper-VIII(22221436)<br>EnvironmentalGeography                     | Thursday<br>25/04/2024 | 131     | BOTANYPaper-VII(22221402)<br>PlantPhysiology                                     |
| Friday<br>26/04/2024  | 132    | MATHEMATICS Paper-VIII<br>(22221424)<br>Abstrac3tAlgebra-I                   | Thursday<br>25/04/2024 | 133     | BOTANYPaper-VIII(22221403)<br>EMBRYOLOGYOFANGIOSPERMS                            |
| Monday<br>29/04/2024  | 134    | GEOGRAPHYPaper-VII(22221435)<br>EconomicGeography                            | Saturday<br>27/04/2024 | 136     | PSYCHOLOGYPaper-VII(22221447)<br>CognitivePsychology                             |
| Monday<br>29/04/2024  | 135    | ELECTRONICSPaper-VII(22221426)<br>Operational Amplifierand<br>Applications   | Saturday<br>27/04/2024 | 137     | GEOLOGYPaper-VII(22221414)<br>SEDIMENTARY AND METAMORPHIC<br>PETROLOGY           |
| Thursday<br>02/05/2024  | 139    | GEOGRAPHY Paper-VIII(22221436)<br>EnvironmentalGeography                     | Tuesday<br>30/04/2024  | 138     | MICROBIOLOGYPaper-VII(22221420)<br>Immunology&MedicalMicrobiology                |
| Thursday<br>02/05/2024  | 140    | ELECTRONICSPaper-VIII(22221427)<br>DigitalTechniques and<br>Microprocessor   | Tuesday<br>30/04/2024  | 141     | PSYCHOLOGYPaper-VIII(22221448)<br>PositivePsychology                             |
| Thursday<br>02/05/2024  | 140    | ELECTRONICSPaper-VIII(22221427)<br>DigitalTechniques and<br>Microprocessor   | Friday<br>03/05/2024   | 142     | GEOLOGYPaper-VIII(22221415)<br>STRATIGRAPHY                                      |
| Thursday<br>02/05/2024  | 140    | ELECTRONICSPaper-VIII(22221427)<br>DigitalTechniques and<br>Microprocessor   | Friday<br>03/05/2024   | 143     | MICROBIOLOGYPaper-VIII(22221421)<br>Introduction to Industrial Microbiology      |



| <b>B.Sc.Sem-IV(w.e.f.Nov2020)</b><br><b>(CBCSPattern-2019) (Old up to OCT-2024)</b> |        |   |                        |                      |   |
|---|--------|---|------------------------|----------------------|---|
| Day&Date  | Sr. No | Subject<br>Time: 9:00 a.m. to 11:00 a.m                                       | Day&Date               | Sr. No.              | Subject<br>Time: 9:00 a.m. to 11:00 a.m   |
| Friday<br>05/04/2024  | 144    | CHEMISTRY Paper-VII(19201407)<br>Physical Chemistry                           | Monday<br>08/04/2024   | 145                  | COMPUTER SCIENCE Paper-VII(19201410)<br>Software Engineering                            |
| Wednesday<br>10/04/2024   | 146    | CHEMISTRY Paper-VIII(19201408)<br>Analytical & Industrial Inorganic Chemistry | Friday<br>12/04/2024   | 147                  | COMPUTER SCIENCE Paper-VIII(19201411)<br>Database Management System                     |
| Saturday<br>13/04/2024  | 148    | PHYSICS Paper-VII(19201434)<br>Optics   | Monday<br>15/04/2024   | 149                  | BIO-CHEMISTRY Paper-III(19201404)<br>NUTRITION AND METABOLISM                           |
|   |        |   |                        | 150                  | PLANT PROTECTION Paper-VII(19201437)<br>Introduction to weeds & non insect pests        |
| Tuesday<br>16/04/2024   | 151    | PHYSICS Paper-VIII(19201435)<br>Modern Physics                                | Thursday<br>18/04/2024 | 152                  | BIO-CHEMISTRY Paper-IV(19201405)<br>MOLECULAR BIOCHEMISTRY & DISEASES                   |
|   |        |   |                        | 153                  | PLANT PROTECTION Paper-VIII(19201438)<br>Insect pests and their Management.             |
| Friday<br>19/04/2024  | 154    | STATISTICS Paper-VII(19201443)<br>Probability Distributions-II                | Saturday<br>20/04/2024 | 155                  | METEOROLOGY Paper-III(19201431)<br>Applied Climatology                                  |
|   |        |   |                        | 156                  | GEO-CHEMISTRY Paper-III(19201419)<br>Principles of Geochemistry                         |
|   |        |   |                        | 157                  | ZOOLOGY Paper-VII(19201446)<br>Fundamentals of Biochemistry                             |
| Monday<br>22/04/2024  | 158    | STATISTICS Paper-VIII(19201444)<br>Applied Statistics                         | Tuesday<br>23/04/2024  | 159                  | METEOROLOGY Paper-IV(19201432)<br>Meteorological Instruments                            |
|   |        |   |                        | 160                  | GEO-CHEMISTRY Paper-IV(19201420)<br>Chemistry of the Earth                              |
|   |        |   |                        | 161                  | ZOOLOGY Paper-VIII(19201447)<br>ANIMAL PHYSIOLOGY: CONTROLLING AND COORDINATING SYSTEMS |
| Wednesday<br>24/04/2024   | 162    | MATHEMATICS Paper-VII(19201428)<br>Differential Equations                     | Thursday<br>25/04/2024 | 163                  | BOTANY Paper-VII(19201401)<br>Plant Physiology  |
| Friday<br>26/04/2024  | 164    | MATHEMATICS Paper-VIII(19201429)<br>Abstract Algebra-I                        | Saturday<br>27/04/2024 | 165                  | BOTANY Paper-VIII(19201402)<br>EMBRYOLOGY OF ANGIOSPERMS                                |
| Monday<br>29/04/2024  | 166    | GEOGRAPHY Paper-VII(19201416)<br>Economic Geography                           | Tuesday<br>30/04/2024  | 168                  | PSYCHOLOGY Paper-VII(19201440)<br>Cognitive Psychology                                  |
|   | 167    | ELECTRONICS Paper-VII(19201413)<br>Operational Amplifier and Applications     |                        | 169                  | GEOLOGY Paper-VII(19201422)<br>STRATIGRAPHY   |
| Thursday<br>02/05/2024  | 171    | GEOGRAPHY Paper-VIII(19201417)<br>Environmental Geography                     |                        | Friday<br>03/05/2024 | 173   |
|   |        |   | 174                    |                      | GEOLOGY Paper-VIII(19201423)<br>PALAEOLOGY  |
|   |        |   | 175                    |                      | MICROBIOLOGY Paper-VIII(19201426)<br>Industrial Microbiology                            |



**B.Sc.Sem-V (Neww.e.f.June2020)**  
**(CBCSPattern-2019)**

| <b>Day&amp;Date</b>                   | <b>Sr. No.</b> | <b>Subject</b><br><b>Time:3:00p.m.to6:00p.m</b>   |
|---------------------------------------|----------------|---|
| <b>Friday</b><br><b>05/04/2024</b>    | 176            | <b>English(Compulsory)(19201500)</b><br>Literary Mindscapes-I<br><b>Time:3:00 p.m.to 5:00p.m.</b> |
|                                       |                | <b>SpecialPaper-IX</b>  |
| <b>Monday</b><br><b>08/04/2024</b>    | 177            | <b>Physics Paper-IX(19201511)</b><br>MathematicalPhysics&StatisticalPhysics                       |
|                                       | 178            | <b>ChemistryPaper-IX(19201506)</b><br>PhysicalChemistry   |
|                                       | 179            | <b>BotanyPaper-IX(19201501)</b><br>PLANTSYSTEMATICS   |
|                                       | 180            | <b>ZoologyPaper-IX(19201520)</b><br>MolecularBiology  |
|                                       | 181            | <b>MathematicsPaper-IX(19201524)</b><br>Algebra-II  |
|                                       | 182            | <b>StatisticsPaper-IX(19201528)</b><br>StatisticalInference-I                                     |
|                                       | 183            | <b>GeologyPaper-IX(19201534)</b><br>EconomicGeology   |
|                                       | 184            | <b>MicrobiologyPaper-IX(19201539)</b><br>Virology   |
|                                       | 185            | <b>ElectronicsPaper-IX(19201548)</b><br>LinearIntegratedCircuitsandApplications                   |
|                                       | 186            | <b>ComputerSciencePaper-IX(19201543)</b><br>VisualProgrammingUsingC#                              |
|                                       |                | <b>SpecialPaper-X</b>   |
| <b>Wednesday</b><br><b>10/04/2024</b> | 187            | <b>PhysicsPaper-X(19201512)</b><br>SolidStatePhysics  |
|                                       | 188            | <b>ChemistryPaper-X(19201507)</b><br>InorganicChemistry   |
|                                       | 189            | <b>BotanyPaper-X(19201502)</b><br>Genetics  |
|                                       | 190            | <b>ZoologyPaper-X(19201521)</b><br>PrinciplesofGenetics   |
|                                       | 191            | <b>MathematicsPaper-X(19201525)</b><br>ComplexAnalysis  |
|                                       | 192            | <b>StatisticsPaper-X(19201529)</b><br>ProbabilityDistributions                                    |
|                                       | 193            | <b>GeologyPaper-X(19201535)</b><br>Hydrogeology   |
|                                       | 194            | <b>MicrobiologyPaper-X(19201540)</b><br>AgriculturalMicrobiology                                  |
|                                       | 195            | <b>ElectronicsPaper-X(19201549)</b><br>FundamentalsofMicrocontroller                              |
|                                       | 196            | <b>ComputerSciencePaper-X(19201544)</b><br>CoreJava   |

**B.Sc.Sem-V(Neww.e.f.June2021)**

(Cont...)

(CBCSPattern-2019)

| Day&Date                       | Sr. No. | Subject<br>Time:3:00p.m.to6:00p.m  |
|--------------------------------|---------|--|
|                                |         | <b>SpecialPaper-XI</b>   |
| <b>Friday<br/>12/04/2024</b>   | 197     | <b>PhysicsPaperXI(19201513)</b><br>ClassicalMechanics                          |
|                                | 198     | <b>ChemistryPaperXI(19201508)</b><br>OrganicChemistry                          |
|                                | 199     | <b>BotanyPaperXI(19201503)</b><br>MOLECULARBIOLOGY                             |
|                                | 200     | <b>ZoologyPaperXI(19201522)</b><br>Endocrinology                               |
|                                | 201     | <b>MathematicsPaperXI(19201526)</b><br>RealAnalysis                            |
|                                | 202     | <b>StatisticsPaperXI(19201530)</b><br>SamplingTechniques                       |
|                                | 203     | <b>GeologyPaperXI(19201536)</b><br>AppliedGeology–EngineeringGeology           |
|                                | 204     | <b>MicrobiologyPaperXI(19201541)</b><br>Immunology                             |
|                                | 205     | <b>ElectronicsPaperXI(19201550)</b><br>SensorsandTransducers                   |
|                                | 206     | <b>ComputerSciencePaperXI(19201545)</b><br>OperatingSystem                     |
|                                |         | <b>SpecialPaper-XII</b>  |
| <b>Saturday<br/>13/04/2024</b> | 207     | <b>PhysicsPaperXII</b><br>NuclearPhysics(19201514)                             |
|                                | 208     | <b>ChemistryPaperXII</b><br>AnalyticalandIndustrialPhysicalChemistry(19201509) |
|                                | 209     | OR   |
|                                |         | MethodologyandMaterialsofIndustrialImportance(19201510)                        |
|                                | 210     | <b>BotanyPaperXII</b><br>PlantBreeding(19201504)                               |
| 211                            | OR      |  |
|                                |         | ECONOMICBOTANY(19201505)   |

|     |  |
|-----|--|
| 277 | <b>Zoology Paper XII</b><br>Wildlife Conservation & Management(19201523)             |
| 212 | <b>Mathematics Paper XII</b><br>Partial Differential Equations(19201527-A)           |
| 213 | OR<br>Mathematical Analysis (19201527-B)   |
| 214 | <b>Statistics Paper XII</b><br>Operations Research (19201531)                        |
| 215 | OR<br>Regression Analysis(19201532)  |
| 216 | <b>Geology Paper XII</b><br>Applied Geology–Prospecting and Mining Geology(19201537) |
| 217 | <b>Microbiology Paper XII</b><br>Industrial Microbiology(19201542)                   |
| 218 | <b>Electronics Paper XII</b><br>Biomedical Electronics(19201551)                     |
| 219 | OR<br>Electronics Communication(19201552)  |
| 220 | <b>Computer Science Paper XII</b><br>Python(19201546)                                |

**B.Sc.Sem-V(Neww.e.f.June2021) (Cont...)**  
**(CBCSPattern-2019)**

**SkillBasedCourseAddedonCourses**

| <b>Day&amp;Date</b>                | <b>Sr. No.</b> | <b>Subject</b><br><b>Time:3:00p.m.to6:00p.m</b>                          |
|------------------------------------|----------------|--|
|                                    |                | <b>Special Paper-XI</b>  |
| <b>Monday</b><br><b>15/04/2024</b> | 221            | CertificateCourseintestingandRepairsofElectricAppliances(19201515)       |
|                                    | 222            | Thin film deposition and Characterization Techniques(19201516)           |
|                                    | 223            | ScientificResearchSubstrateCleaningPaperWritingandPublications(19201517) |
|                                    | 224            | Medical Physics (19201518)   |
|                                    | 225            | Energy Resources(19201519)   |
|                                    | 226            | Geoinformatics (19201538)  |
|                                    | 227            | Linux(19201547)  |
|                                    | 228            | MS-EXCEL(19201533)   |

| <b>B.Sc.Sem-VI(Neww.e.f.Nov.2021)</b> |         |   |
|---------------------------------------|---------|---|
| <b>(CBCSPattern-2019)</b>             |         |   |
| Day&Date                              | Sr. No. | Subject<br>Time:3:00p.m.to6:00p.m   |
| <b>Tuesday<br/>16/04/2024</b>         | 229     | English(Compulsory)(19201600)<br>LiteraryMindscares-I<br><b>Time:3:00 p.m.to 5:00p.m.</b> |
|                                       |         | <b>SpecialPaper-XIII</b>  |
| <b>Thursday<br/>18/04/2024</b>        | 230     | <b>PhysicsPaper-XIV</b> (19201619)<br>Electrodynamics                                     |
|                                       | 231     | <b>ChemistryPaper-XIII</b> (19201610)<br>PhysicalChemistry                                |
|                                       | 232     | <b>BotanyPaper-XIII</b> (19201601)<br>Plant Pathology                                     |
|                                       | 233     | <b>ZoologyPaper-XIII</b> (19201627)<br>Animal Physiology: Life Sustaining Systems         |
|                                       | 234     | <b>MathematicsPaper-XIII</b> (19201635)<br>MetricSpaces                                   |
|                                       | 235     | <b>StatisticsPaper-XIII</b> (19201643)<br>StatisticalInference-II                         |
|                                       | 236     | <b>GeologyPaper-XIII</b> (19201652)<br>Photogeology & Remote Sensing                      |
|                                       | 237     | <b>MicrobiologyPaper-XIII</b> (19201660)<br>MicrobialGenetics                             |
|                                       | 238     | <b>ElectronicsPaper-XIII</b> (19201676)<br>PowerElectronics                               |
|                                       | 239     | <b>ComputerSciencePaper-XIV</b> (19201668)<br>WebTechnology                               |
|                                       |         | <b>SpecialPaper-XIV</b>   |
| <b>Friday<br/>19/04/2024</b>          | 240     | PhysicsPaper-XVMaterialsScience(19201620)   |
|                                       | 241     | ChemistryPaper-XIVInorganicChemistry(19201611)  |
|                                       | 242     | BotanyPaper-XIV <b>PlantBiotechnology</b> (19201602)                                      |
|                                       | 243     | ZoologyPaper-XIV- Evolutionary Biology (19201628)   |
|                                       | 244     | MathematicsPaper-XIVNumericalAnalysis(19201636)   |
|                                       | 245     | StatisticsPaper-XIVProbabilityTheory(19201644)  |
|                                       | 246     | GeologyPaper-XIVGeomorphology and Geotectonics (19201653)                                 |
|                                       | 247     | MicrobiologyPaper-XIVMicrobialBiochemistry(19201661)                                      |
|                                       | 248     | ElectronicsPaper-XIV <b>EmbeddedSystemDesign</b> (19201677)                               |
|                                       | 249     | ComputerSciencePaper-XV <b>AdvancedJava</b> (19201669)                                    |

| <b>B.Sc.Sem-VI(Neww.e.f.Nov.2021)</b> |                               |  |
|---------------------------------------|-------------------------------|--|
| <b>(CBCSPattern-2019)</b>             |                               |  |
| Day&Date                              | Sr. No                        | Subject<br>Time:3:00p.m.to6:00p.m  |
|                                       |                               | <b>SpecialPaperXV</b>  |
| <b>Saturday<br/>20/04/2024</b>        | 250                           | <b>PhysicsPaper-XVI(19201621)</b><br>Atomic,MolecularPhysicsandQuantumMechanics      |
|                                       | 251                           | <b>ChemistryPaper-XV(19201612)</b><br>OrganicChemistry                               |
|                                       | 252                           | <b>BotanyPaper-XV(19201603)</b><br>Cell Biology                                      |
|                                       | 253                           | <b>ZoologyPaper-XV(19201629)</b><br>Animal Behavior And Chronobiology                |
|                                       | 254                           | <b>MathematicsPaper-XV(19201637)</b><br>Graph Theory                                 |
|                                       | 255                           | <b>StatisticsPaper-XV(19201645)</b><br>DesignsofExperiments                          |
|                                       | 256                           | <b>GeologyPaper-XV(19201654)</b><br>-Environmental Geology                           |
|                                       | 257                           | <b>MicrobiologyPaper-XV(19201662)</b><br>ClinicalMicrobiology                        |
|                                       | 258                           | <b>ElectronicsPaper-XV(19201678)</b><br>ElectronicsInstrumentation                   |
|                                       | 259                           | <b>ComputerSciencePaper-XVI(19201670)</b><br>DataCommunicationandNetworking-II       |
|                                       |                               | <b>SpecialPaperXVI</b>   |
| <b>Monday<br/>22/04/2024</b>          | 260                           | <b>PhysicsPaper-XVII</b><br>Electronics(19201622)                                    |
|                                       | 261                           | <b>ChemistryPaper-XVI</b><br>AnalyticalandIndustrialOrganicChemistry(19201617)<br>OR |
|                                       | 262                           | AppliedOrganicChemistry(19201618)  |
|                                       | 263                           | <b>BotanyPaper-XVI</b><br>Nursery, Gardening & Horticulture(19201608 )<br>OR         |
|                                       | 264                           | Biostatistics (19201609)   |
|                                       | 265                           | <b>ZoologyPaper-XVI</b><br>Applied Zoology (19201630)                                |
|                                       | 266                           | <b>MathematicsPaper-XVI</b><br>IntegralCalculus (19201638-A)<br>OR                   |
| 267                                   | Programming in C (19201638-B) |  |

|                               |     |   |
|-------------------------------|-----|---|
|                               | 268 | <b>StatisticsPaper-XVI</b><br>QualityManagementandReliability(19201650) |
|                               | 269 | OR<br>TimeSeriesAnalysis(19201651)                                      |
|                               | 270 | <b>GeologyPaper-XVI(19201655)</b><br>Geochemistry                       |
|                               | 271 | <b>MicrobiologyPaper-XVI (19201663)</b><br>EnvironmentalMicrobiology    |
|                               | 272 | <b>ElectronicsPaper-XVI</b><br>VirtualInstrumentation(19201683)         |
|                               | 273 | OR<br>ModernCommunicationSystems(19201684)                              |
|                               | 274 | <b>ComputerSciencePaper-XVII(19201671)</b><br>Advanced Python           |
| <b>Tuesday<br/>23/04/2024</b> | 275 | Software Testing (19201671-01)  |

**Note:**

1. The Practical Examination will be CONDUCTED BEFORE /AFTER THE THEORY EXAMINATION AND THE PROGRAM WILL BE COMMUNICATED SEPARATELY.
2. The students are allowed to use the calculators for Numerical calculations at their own cost. University will not supply such calculators.
3. Cellular phone, Pager, Programmable Scientific Calculator and Digital Diary or any Means which can be used for unfair practice are not allowed in the Examination hall.
4. The Examination Programme is subject to change. If there is any change the University is not responsible for the loss or inconvenience caused to the candidates.
5. (**Important Note:** Code Numbers given in the Bracket are Computer Code of respective Subjects, Students should mention these Code Numbers on Answer Books with Name of the Subject. Also write these Code Numbers on JSR (Junior Supervisor Report) and related documents)
6. **The Theory Exam of 20 Marks Paper are conducted at College level.**
7. **Democracy, Election and Good Governance and Environmental Studies Exam conducted at College level. (As per University Circular No. 65 dt.26 Oct.2023)**

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RefNo.: PAHSUS/EXAM/TIME-TABLE/2024/734

Date: 26/03/2024

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Director  
Board of Examinations and Evaluation