



PUNYASHLOK AHILYADEVI HOLKARSOLAPUR UNIVERSITY, SOLAPUR

EXAM OF 2022 SEMESTER PATTERN EXAMINATION

FINAL PROGRAM OF M.SC. PHYSICS (NANOPHYSICS) SEMESTER – I to IV OCT./NOV-2022

EXAMINATION TO BE HELD IN FEB.- 2023

1. Student should see their Seat No. and Name in the Name list and mistakes if any should be communicate 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. Candidate are requested to be present at their respective places of the Examination **FIFTEEN MINUTES** before the time starting of the first paper and **TEN MINUTES** before the time 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. (केद्र 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.)

| Sr. No. | Center | College Abbreviation | Place |
|---------|--------|----------------------|------------------------------|
| 1 | Barshi | SMB | Shivaji Mahavidhyalay Barshi |

| PHYSICS (NANOPHYSICS) SEM – I (NEW w.e.f. June 2020) (CBCS Pattern-2020) | | | |
|--|-----------|---------|---|
| Day & Date | Paper No. | Sr. No. | Subject Time: 3:00 p.m. to 6:00 p.m |
| Monday 13/02/2023 | HCT1.1 | 1 | Mathematical Physics (MSC09101) |
| Tuesday 14/02/2023 | HCT1.2 | 2 | Solid State Physics (MSC09102) |
| Wednesday 15/02/2023 | HCT1.3 | 3 | Analog and Digital Electronics (MSC09103) |
| Thursday 16/02/2023 | SCT1.1 | 4 | A) Classical Mechanics (MSC09108) OR |
| | SCT1.2 | 5 | B) Elements of Material Science (MSC09109) |

| PHYSICS (NANOPHYSICS) SEM – II (NEW w.e.f. Nov. 2020) (CBCS Pattern-2019) | | | |
|---|-----------|---------|---|
| Day & Date | Paper No. | Sr. No. | Subject Time: 11:00 p.m. to 2:00 p.m |
| Monday 20/02/2023 | HCT2.1 | 6 | Quantum Mechanics (MSC09201) |
| Tuesday 21/02/2023 | HCT2.2 | 7 | Electrodynamics (MSC09202) |
| Wednesday 22/02/2023 | SCT2.2 | 8 | A) Statistical Physics (MSC09206) OR |
| | SCT2.3 | 9 | B) Analytical Techniques (MSC09207) |
| Saturday 25/02/2023 | OET | --- | [Choose from list] |

| PHYSICS (NANOPHYSICS) SEM – III (New w.e.f. June 2021) (CBCS Pattern-2020) | | | |
|--|-----------|---------|--|
| Day & Date | Paper No. | Sr. No. | Subject Time: 11:00 p.m. to 2:00p.m |
| Monday 13/02/2023 | HCT3.1 | 10 | Semiconductor Physics (MSC09301) |
| Tuesday 14/02/2023 | HCT3.2 | 11 | Atomic and Molecular Physics (MSC09302) |
| Wednesday 15/02/2023 | SCT3.1 | 12 | A) Functional Nanomaterials (MSC09306) OR |
| | SCT3.2 | 13 | B) Polymer Science and 4 Technology (MSC09307) |
| Friday 17/02/2023 | OET | --- | [Choose from list] |

| PHYSICS (NANOPHYSICS) SEM – IV (NEW w.e.f. June 2021) (CBCS Pattern-2020) | | | |
|---|-----------|---------|--|
| Day & Date | Paper No. | Sr. No. | Subject Time: 3:00 p.m. to 6:00 p.m |
| Monday 20/02/2023 | HCT4.1 | 14 | Semiconductor Devices (MSC09401) |
| Tuesday 21/02/2023 | HCT4.2 | 15 | Nuclear and Particle Physics (MSC09402) |
| Wednesday 22/02/2023 | HCT 4.3 | 16 | Characterization of Nano Materials (MSC09403) |
| Thursday 23/02/2023 | SCT4.1 | 17 | A) Nano Material Fabrication Techniques (MSC09408) OR |
| | SCT4.2 | 18 | B) Nano Electronics and Sensors (MSC09409) |

| PHYSICS (NANOPHYSICS) SEM – IV (w.e.f. June 2019) (CBCS Pattern-2019) (Old up to OCT.2022) | | | |
|---|------------------|----------------|--|
| Day & Date | Paper No. | Sr. No. | Subject Time: 3:00 p.m. to 6:00 p.m |
| Monday 20/02/2023 | HCT4.1 | 19 | Semiconductor Devices (217264-01) |
| Tuesday 21/02/2023 | HCT4.2 | 20 | Nuclear and Particle Physics (217264-02) |
| Wednesday 22/02/2023 | HCT 4.3 | 21 | Characterization of Nano Materials (217264-03) |
| Thursday 23/02/2023 | SCT4.1 | 22 | A) Nano Material Fabrication Techniques (217264-04) |
| | SCT4.2 | 23 | OR B) Nano Electronics and Sensors (217264-05) |

Ref No.: PAHSUS/EXAM/TIME-TABLE/2023/240

Date: 30/01/2023

Sd/-

Director

Board of Examinations and Evaluation