# AHMEDNAGAR JILHA MARATHA VIDYA PRASARAK SAMAJ'S New Arts, Commerce & Science College, Ahmednagar (Autonomous) M.Sc. Inorganic Chemistry CBCS 2021 Pattern

### **Examination of Nov/Dec 2023**

#### **INSTRUCTIONS FOR CANDIDATES**

- Candidates are required to be present at the examination centre, THIRTY MINUTES before the stipulated time.
- Candidates are forbidden from taking any material into the examination hall that can be treated as a malpractice.
- Candidates are requested to see the Notice Board at their center of examination regularly for changes if any that may be notified later in the program.
- No request shall be granted for change in time or date for the University Examination on any ground.
- Candidates are requested to note the Day, Date and Time of Paper.
- Candidates are permitted to use stencils at the time of examination.
- The exchanges of side-rules, drawing instruments of other materials used in the examination hall is not permitted at the time of examination. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
- Use of non-programmable battery operated electronic pocket size Calculator isallowed. The exchange of Calculators is not allowed. Electronics Devices including mobile are not allowed at the time of examination.
- The written examination will be conducted in the following order.

# Semester II (Backlog) Time: 11.00 – 02.00

| Day &<br>Date           | Paper Code | Subject  |
|-------------------------|------------|--|
| Wednesday<br>06/12/2023 | MSC-CH211T | Inorganic Chemistry-II (Coordination and Bioinorganic Chemistry)   |
| Thursday<br>07/12/2023  | MSC-CH212T | Organic Chemistry-II (Photochemistry, Pericyclic and Organic<br>Spectroscopy)                                |
| Friday<br>08/12/2023    | MSC-CH213T | Molecular Spectroscopy   |
| Saturday<br>09/12/2023  | MSC-CH217T | Elective Option-A: Nuclear and Radiation Chemistry<br>Elective Option-B: Material Characterization Technique |
| Monday<br>11/12/2023    | MSC-CH219T | Organometallic and Inorganic Reaction Mechanism  |
| Wednesday<br>20/12/2023 |            | Human Rights   |

# Sem IV (Backlog)

# Time: 03.00 – 06.00

| Day & Date              | Paper Code | Subject  |
|-------------------------|------------|--|
| Wednesday<br>06/12/2023 | MSC-IC411T | Heterogeneous Catalysis and its Applications   |
| Thursday<br>07/12/2023  | MSC-IC412T | Inorganic Nanomaterials  |
| Friday<br>08/12/2023    | MSC-IC413T | Material Science - II  |
| Saturday<br>09/12/2023  | MSC-IC417T | A: Modern Instrumental methods in Inorganic Chemistry<br>Sec II B: Homogeneous Catalysis |
| Monday<br>11/12/2023    | MSC-IC419T | Research Methodology   |
| Wednesday               | -          | Intellectual Property Rights   |
| 20/12/2023              |            |  |

## Sem I (Backlog)

### Time: 11.00 – 02.00

| Day & Date              | Paper Code | Subject   |
|-------------------------|------------|---|
| Tuesday<br>12/12/2023   | MSC-CH111T | Inorganic Chemistry-I (Molecular Symmetry and Chemistry of Main Group Elements)                           |
| Wednesday<br>13/12/2023 | MSC-CH112T | Organic Chemistry-I (Basic Organic Chemistry)   |
| Thursday<br>14/12/2023  | MSC-CH113T | Fundamentals of Physical Chemistry  |
| Friday<br>15/12/2023    | MSC-CH117T | Elective Option-A: Chemical Kinetics and Reaction Dynamics<br>Elective Option-B: Mathematics for Chemists |
| Saturday<br>16/12/2023  | MSC-CH119T | Introduction to Chemical Biology  |
| Tuesday<br>19/12/2023   |            | Constitution of India   |

### Sem III

### Time: 03.00 – 06.00

| Day & Date              | Paper Code | Subject   |
|-------------------------|------------|---|
| Tuesday<br>12/12/2023   | MSC-IC311T | Bioinorganic and Medicinal Inorganic Chemistry  |
| Wednesday<br>13/12/2023 | MSC-IC312T | Inorganic Reaction Mechanism  |
| Thursday<br>14/12/2023  | MSC-IC313T | Material Science - I  |
| Friday<br>15/12/2023    | MSC-IC317T | <ul> <li>A. Modern Instrumental methods in Inorganic Chemistry Sec I</li> <li>B. Polymer Chemistry</li> </ul> |
| Saturday<br>16/12/2023  | MSC-IC319T | Organometallic Chemistry.   |
| Tuesday<br>19/12/2023   |            | Cyber Security  |

Controller of Examination New Arts Commerce and Science College Ahmednagar-414001



(B) a)

PRINCIPAL New Arts Commerce and Science College Ahmednagar-414001