

# **RAJASTHAN PUBLIC SERVICE COMMISSION, AJMER**

## **SYLLABUS OF SCREENING TEST FOR THE POST OF ASSISTANT PROFESSOR – ANAESTHESIOLOGY MEDICAL & HEALTH (C.B.) DEPARTMENT**

- Applied Basic Medical Sciences including Anatomy, Physiology, Biochemistry, Pharmacology and Physics, chemistry in relation to Anaesthesiology.
- Principles and practice of Anaesthesia and analgesia with Anaesthetic Management. Clinical Science in relation to Anaesthesiology (This will include essentials of Internal Medicine and Surgery with Pre and Post operation treatment and other clinical Sciences in relation to Anaesthesiology) Anaesthetic implications of concurrent diseases.
- Specialities of - Paediatric Anaesthesia – General Surgery, E.N.T., Ophthalmic Surgery
  - Cardio-thoracic Anaesthesia - Dental Surgery
  - Neurosurgical Anaesthesia - Obstetric & Gynaecological, Geriatric Anaesthesia and othersAnaesthesia for/at organtransplantation, Laser Surgery, Remote Locations, Endoscopic Surgery.
- Anaesthesiology and Pain management, critical care Medicine, Polytrauma, Disaster Medicine, Ventilators, Recovery room and Intensive Care Unit, Cardio-pulmonary Resuscitation, Brain death, Anaesthesia outside the operating room.
- Monitoring in Anaesthesiology. Use of Electronics and Computer device in Anaesthesia, Telemedicine.
- Recent Advances and current concepts in Anaesthesia and Analgesia.
- Medico legal aspects in relation to Anaesthesiology. Anaesthesia record keeping and quality assurance.
- Basic and advanced Life Supports.
- Basics of Research methodology and statistics.
- The candidates should be fully conversant with all aspects of Anaesthesiology as a whole.

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### Pattern of Question Papers:

1. Objective Type Paper
2. Maximum Marks : 100
3. Number of Questions : 100
4. Duration of Paper : Two Hours
5. All Questions carry equal marks
6. There will be Negative Marking

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