RAJASTHAN PUBLIC SERVICE COMMISSION, AJMER

SYLLABUS OF SCREENING TEST FOR THE POST OF ASSISTANT PROFESSOR (Broad Speciality) ANAESTHESIOLOGY MEDICAL EDUCATION DEPARTMENT

1. Basic Sciences as Applied to Anaesthesiology including Anatomy, Physiology, Biochemistry, Pharmacology and Physics, Chemistry.
2. 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.
3. Pre-anaesthetic evaluation, treatment and Anaesthetic implications of concurrent diseases, Anaesthetic Complications, Post-operative management, Post Anaesthesia care unit.
4. Specialities of :
   - Paediatric Anaesthesia.
   - Cardio- Vascular and thoracic Anaesthesia.
   - Neurosurgical Anaesthesia.
   - General and Orthopaedic Surgery, Minimal Invasive Surgery, Day Care Surgery.
   - E.N.T., Ophthalmic Surgery, Dental Surgery, Anaesthesia for Neurological and Psychiatric diseases.
   - Obstetrics & Gynaecology, Labour Analgesia.
   - Geriatric Anaesthesia and others.
5. Regional Anaesthesia.
6. Anaesthesia for organ transplantation, Laser Surgery, Endocsopic Surgery. Anaesthesia outside the operating room.
7. Anaesthesiology and Pain management, Critical Care Medicine, Ventilators, Polytrauma, Diasater Medicine.
8. Monitoring in Anaesthesiology. Use of Electronics and Computer devices in Anaesthesia. Awareness during Anaesthesia.
9. Recent Advances and current concepts in Anaesthesia and Analgesia.

10. Medico legal aspects in relation to Anaesthesiology. Anaesthesia record keeping and quality assurance.
11. Basic and advanced Life Supports.
12. Basics of Research methodology and statistics.

Note:- 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 : 180
3.   Number of Questions : 180
4.   Duration of Paper : Three Hours
5.   All Questions carry equal marks
6.   There will be Negative Marking

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