RAJASTHAN PUBLIC SERVICE COMMISSION, AJMER

SYLLABUS OF SCREENING TEST FOR THE POST OF
ASSISTANT PROFESSOR – ORTHOPAEDICS
MEDICAL EDUCATION DEPARTMENT

1. Applied and Basic Medical Sciences including Anatomy, Physiology, Biochemistry, Pharmacology, Pathology and Microbiology in relation to orthopaedics.
2. BONE & JOINT - Infections (Pyogenic, Tuberculosis, syphilis, mycotic, Salmonella, Brucella etc.)
3. CONGENITAL DEFORMITIES - Diagnosis, investigations and Treatment of Upper and Lower limbs, Spine General Defects and Developmental defects.
4. TRAUMATOLOGY in general and in reference to Locomotor system.
5. Principles of Treatment in Trauma.
6. Diseases and injuries of spine.
7. Metabolic Bone Disorders.
12. Autoimmune Bone and Joint Disorders like Rheumatoid Arthritis, Ankylosing Spondylitis, etc.
15. **Recent Advances**: Arthroscopic Surgery, Joint Replacement, Spine Surgery, CT Scan, MRI, Bone Scan, PET Scan, Bone Bank.

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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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