

# Syllabus of the competitive examination to be conducted through the Commission for appointment to the post of Specialist Medical Officers (Orthopedics) under Bihar Health Services.

---

Name of Post	- Specialist Medical Officer (Orthopedics)
Type of Examination	- Objective Type (Computer Based Test)
Time Duration	- 02:00 Hours
Number of Questions	- 100
Total Marks	- 400 Marks
Marks for Each Right Answer	- 04 Marks
Negative Marks for Each Wrong Answer	- 01 Mark

Question will be asked under following syllabus :

- 1.** Metabolic Bone Diseases
- 2.** Bone and Joint Infections
- 3.** Diseases of Joints
- 4.** Systemic Complications in Orthopaedics
- 5.** Bone Tumors
- 6.** Biomaterials
- 7.** Frature and Fracture- Dislocations
  - a. General principles of fracture treatment
  - b. Recent advances in internal fixation of fractures
  - c. Bone grafting and bone graft substitutes
  - d. Malunited fractures
  - e. Delayed union and non union of fractures
- 8.** Dislocations and Subluxations
- 9.** Traumatic Disorders of Joints (Sports Injuries)
- 10.** Arthrodesis
- 11.** Arthroplasty
- 12.** Minimally Invasive Surgery (MIS)

### **13. Spine**

- a. Spinal Trauma : diagnosis and management including various types of fixations

### **14. Degenerative disorders of the spine**

\*\*\*\*\*