

The West Bengal University of Health Sciences
MS (Orthopaedics) May - June, 2022 Examination

Paper: I

Full Marks: 100

Time: 3 hours

Attempt all questions

1. Draw a labelled diagram of brachial plexus. Classify brachial plexus injury. Describe clinical features & management of lower brachial plexus injury. 2+3+5
2. Discuss the properties of bone grafts. Describe the different types of bone grafts, bone graft substitutes and their incorporation. 6+4
3. Discuss the management of post operative fever. 10
4. Postoperative pain management. Describe patient control analgesia. 5+5
5. Describe the histological zones of growth plate. Discuss the anatomical changes which takes place in rickets & SCFE. 4+6
6. Staging of bone tumours. Principles, indications and contraindications of limb salvage surgery. 4+6
7. Define gait cycle. Describe briefly pathogenesis and causes of Trendelenburg gait in 45 year old man. 2+4+4
8. Principals and Indications of tendon Transfer. 5+5
9. What is Biofilm ? Etiopathogenesis of Biofilm and role of biofilm in implant infection in orthopaedics. 2+3+5
10. Classify anti rheumatic drugs. Describe briefly use of DMRDS. 3+7