

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

**Paper: III**

**Full Marks: 100**

**Time: 3 hours**

*Attempt all questions*

1. Define carpal tunnel syndrome. Describe pathological anatomy, causes, diagnosis & management of carpal tunnel syndrome. 2+3+3+2
2. Describe the pathogenesis of hallux valgus deformity. Describe the role of metatarsus primary varus in pathogenesis. How will you manage an adolescent girl with severe hallux valgus. 3+2+5
3. Define femoral anteversion. How do you detect it clinically? Discuss the role of anteversion in orthopaedic diagnosis & management. 2+3+5
4. Write Short notes on : 5+5
  - a) Intrinsic plus hand
  - b) Ulnar paradox
5. List the osteotomies around hip. Write briefly about the principles of each osteotomy. 5+5
6. Anatomical basis and applications of Trochanteric flip osteotomy in surgical exposure of hip joint. 5+5
7. Clinical and radiological features in diagnosis of DDH. Treatment of Unilateral DDA in an 18 month old male child. 3+2+5
8. Classify pseudarthrosis of tibia and its management and complications. 3+4+3
9. A 5year old child starts developing a progressive valgus deformity of (RT) tibia after an insignificant trauma to the knee. What are the possible causes and pathogenesis of such deformity. How will you treat this condition. 3+3+4
10. Clinical and Radiological features of Ewings sarcoma. How will you manage a case of Ewings Sarcoma of femur in a 7year old male child. 2+2+6