

# National Board of Examinations

**Question Paper Name :** DNB Orthopaedics Paper3  
**Subject Name :** DNB Orthopaedics Paper3  
**Duration :** 180  
**Total Marks :** 100  
**Display Marks:** No

**Maximum Instruction Time :** 0

**Question Number : 1 Question Id : 32718733434 Consider As Subjective : Yes**

**Please write your answers in the answer booklet within the allotted pages as follows:-**

Question Number	Answer to be attempted within	Question Number	Answer to be attempted within
Q. 1	Page 1-5	Q. 6	Page 26-30
Q. 2	Page 6-10	Q. 7	Page 31-35
Q. 3	Page 11-15	Q. 8	Page 36-40
Q. 4	Page 16-20	Q. 9	Page 41-45
Q. 5	Page 21-25	Q. 10	Page 46-50

1. You are suspecting tuberculous infection of the hip joint in a 12-year-old male:

- a) Discuss clinico-radiological classification. [5]
- b) How do you investigate this case? [5]

**Question Number : 2 Question Id : 32718733435 Consider As Subjective : Yes**

A 32-year-old male presented to the emergency after an accident with a potential "Chance fracture" at D10 vertebra:

- a) Outline the components of proper evaluation and assessment. [5]
- b) Discuss the management options. [5]

**Question Number : 3 Question Id : 32718733436 Consider As Subjective : Yes**

- a) Types of cerebral palsy. [3]
- b) Gross Motor Function Classification system (GMFCS). [4]
- c) The vulpius procedure for equinus deformity. [3]

**Question Number : 4 Question Id : 32718733437 Consider As Subjective : Yes**

- a) Treatment options for Kienbock's Disease (AVN Lunate) with carpal height and alignment preserved. [3]
- b) Triceps-reflecting anconeus pedicle flap (TRAP) approach to elbow. [3]
- c) Caries sicca. [4]

**Question Number : 5 Question Id : 32718733438 Consider As Subjective : Yes**

A 42-year-old female presenting to your OPD with symmetrical small joint arthritis:

- a) Discuss the differential diagnosis. [4]
- b) What investigations will help in confirming the diagnosis? [3]
- c) What deformities are likely in the wrist and hand of a rheumatoid arthritis patient? [3]

**Question Number : 6 Question Id : 32718733439 Consider As Subjective : Yes**

In a case of recurrent anterior shoulder (gleno-humeral joint) instability following trauma in a young adult:

- a) How would you evaluate clinically and what relevant investigations would you ask for? [5]
- b) Discuss various treatment options. [5]

**Question Number : 7 Question Id : 32718733440 Consider As Subjective : Yes**

Describe Kumar and Tuli's classification for TB spine. How will you manage a case of TB D9-10 vertebrae with grade 4 paraplegia in a 20-year-old adult? [3+7]

**Question Number : 8 Question Id : 32718733441 Consider As Subjective : Yes**

- a) Syme's amputation. [4]
- b) Surgical site infection. [3]
- c) Antibiotic loaded cement in orthopaedic practice. [3]

**Question Number : 9 Question Id : 32718733442 Consider As Subjective : Yes**

A young motorist injured his leg in an accident, presented to you in emergency with severe swelling of the proximal leg. Radiographs show an intraarticular fracture of the proximal tibia:

- a) Classify proximal tibial fractures. [5]
- b) How would you manage this patient? [5]

**Question Number : 10 Question Id : 32718733443 Consider As Subjective : Yes**

Enumerate use of artificial intelligence in orthopaedics. Discuss advantages and disadvantages of robotic total knee replacement. [5+5]