

# National Board of Examinations

<b>Question Paper Name :</b>	DNB Orthopaedics Paper2
<b>Subject Name :</b>	DNB Orthopaedics Paper2
<b>Creation Date :</b>	2024-10-18 15:26:23
<b>Duration :</b>	180
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## DNB Orthopaedics Paper2

<b>Group Number :</b>	1
<b>Group Id :</b>	3271872838
<b>Group Maximum Duration :</b>	0
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<b>Group Marks :</b>	100

## DNB Orthopaedics Paper2

<b>Section Id :</b>	3271872841
<b>Section Number :</b>	1
<b>Section type :</b>	Offline
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	10
<b>Number of Questions to be attempted :</b>	10
<b>Section Marks :</b>	100
<b>Maximum Instruction Time :</b>	0
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	3271872845
<b>Question Shuffling Allowed :</b>	No

**Question Number : 1 Question Id : 32718729664 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

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. a) Classify cerebral palsy in relation to its musculoskeletal manifestations (physiologic, anatomic and functional classification). [4]
- b) Write a note on treatment of spasticity. [2]
- c) Describe gait disorders and its treatment in cerebral palsy. [4]

**Question Number : 2 Question Id : 32718729665 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Describe, classify and explain management of RAMP lesion of meniscus. [4]
- b) Explain indications and salient features of the different methods of meniscal repair. [6]

**Question Number : 3 Question Id : 32718729666 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Describe the surface marking of the arthroscopic portals for "Anatomic ACL reconstruction" with a 30 degrees arthroscope. [2]
- b) Enumerate the risk factors for failure of a well-placed "Anatomic ACL reconstruction". [2]
- c) Describe the pros and cons of hamstring, soft tissue quadriceps, bone patellar tendon and peroneal autograft for ACL reconstruction in a tabular form. [6]

**Question Number : 4 Question Id : 32718729667 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Explain Charnley's low friction arthroplasty concept. [4]
- b) Explain different generations of stem cementing in THR (in tabular form). [3]
- c) Explain the concept of antibiotic bone cement and which antibiotics can be added in bone cement and at what dosage. [3]

**Question Number : 5 Question Id : 32718729668 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Describe the pathophysiology, patho-anatomy and X-ray findings in adult hallux valgus. [4]
- b) Describe non-operative and operative management of adult hallux valgus. [6]

**Question Number : 6 Question Id : 32718729669 Question Type : SUBJECTIVE Consider As**

**Subjective : Yes**

**Correct Marks : 10**

Define, classify and elaborate on the management of:

- a) Carpal instability dissociative. [2.5]
- b) Carpal instability non-dissociative. [2.5]
- c) Carpal instability adaptive. [2.5]
- d) Carpal instability complex. [2.5]

**Question Number : 7 Question Id : 32718729670 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Describe and draw Stener lesion of thumb. [3]
- b) Indications and functioning of Suzuki frame for fingers. [3]
- c) Etiology, classification and management of Profundus tendon avulsion. [4]

**Question Number : 8 Question Id : 32718729671 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Explain the basis of the middle path regime for spinal tuberculosis management. [2]
- b) Write current national guidelines on anti tubercular treatment for Pott's spine. [2]
- c) Enumerate the indications for decompression surgery in a case of Pott's spine. [2]
- d) Enumerate the indications for additional stabilization surgery in a case of Pott's spine. [2]
- e) Explain the concept of "paradoxical reaction in bone and joint tuberculosis treatment" vs clinical suspicion of "multidrug resistant bone and joint tuberculosis". [2]

**Question Number : 9 Question Id : 32718729672 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Describe the pathogenesis of osteogenic sarcoma. [3]
- b) Classify this disease, explain the concept of "limb preserving surgery" in osteogenic sarcoma. [4]
- c) Recommended drug regime for neoadjuvant and adjuvant chemotherapy in osteogenic sarcoma. [3]

**Question Number : 10 Question Id : 32718729673 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Describe the pathogenesis and classification of 'Giant cell tumor of bone'. [3]
- b) Explain the concept of extended curettage. [4]
- c) Role and schedule of Denusumab in the treatment of appendicular bone GCT. [3]