

National Board of Examinations

Question Paper Name :	DNB Orthopaedics Paper1
Subject Name :	DNB Orthopaedics Paper1
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Actual Answer Key :	No

DNB Orthopaedics Paper1

Group Number :	1
Group Id :	327187302
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Group Marks :	100
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

DNB Orthopaedics Paper1

Section Id :	327187305
Section Number :	1
Section type :	Offline

Mandatory or Optional : Mandatory

Number of Questions to be attempted : 10

Section Marks : 100

Enable Mark as Answered Mark for Review and Clear Response : Yes

Maximum Instruction Time : 0

Sub-Section Number : 1

Sub-Section Id : 327187309

Question Shuffling Allowed : No

Is Section Default? : null

Question Number : 1 Question Id : 32718720943 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

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. Briefly describe the anatomical composition of medial and lateral longitudinal arches of foot. Discuss the patho-anatomy in rigid Pes-Planus. Briefly discuss principles of management of rigid Pes-Planus in adolescents & adults. [3+3+4]

Question Number : 2 Question Id : 32718720944 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

What is resistant rickets? Discuss its clinical features and investigations. Briefly discuss its medical management. [2+5+3]

Question Number : 3 Question Id : 32718720945 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- a) Functional cast Bracing. [3]
- b) Open and closed chain exercises. [3]
- c) Complex regional pain syndrome (CRPS). [4]

Question Number : 4 Question Id : 32718720946 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

What are the clinical, radiological & lab features of SARA (sexually acquired reactive arthritis)? Discuss briefly its management in a young adult male. [7+3]

Question Number : 5 Question Id : 32718720947 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- a) Microanatomy of peripheral nerve (with a cross-sectional diagram). [5]
- b) Sunderland classification of peripheral nerve injuries. [5]

Question Number : 6 Question Id : 32718720948 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- a) Discuss the various types of lumbar canal stenosis based on MRI. [3]
- b) What are the differentiating features between neurogenic and vascular claudication? [3]
- c) Discuss in brief the management of lumbar canal stenosis. [4]

Question Number : 7 Question Id : 32718720949 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- a) Describe the principles of Charnley's low friction arthroplasty. [5]
- b) Composition, properties & uses of bone cement. [5]

Question Number : 8 Question Id : 32718720950 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- a) Describe the biology of fracture healing in a long bone fracture following rigid fixation with a plate & screws. [5]
- b) Discuss in brief the intramembranous and endochondral ossification with examples. [5]

Question Number : 9 Question Id : 32718720951 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Discuss the clinical features & investigations, prophylaxis and treatment of venous thromboembolism. [4+3+3]

Question Number : 10 Question Id : 32718720952 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- a) Describe briefly various types of foot & ankle amputations. [6]
- b) Describe features and use of SACH foot. [4]