

National Board of Examinations

Question Paper Name : DNB Orthopaedics Paper4
Subject Name : DNB Orthopaedics Paper4
Duration : 182
Total Marks : 100
Display Marks: No

Maximum Instruction Time : 0
Is Section Default? : No

Question Number : 1 Question Id : 32718745343 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. a) What is SIRS and CARS? [2]
- b) What are their clinical, soluble and non-soluble markers? [4]
- c) How these could affect the short term outcome in fracture care? [4]

Question Number : 2 Question Id : 32718745344 Consider As Subjective : Yes

Describe kinematic, restricted kinematic, inverse kinematic and mechanical alignment in TKA? [10]

Question Number : 3 Question Id : 32718745345 Consider As Subjective : Yes

What is PHAGES in osteoarticular infections treatment? [10]

Question Number : 4 Question Id : 32718745346 Consider As Subjective : Yes

Trochleoplasty in patellofemoral instability:

- a) Indications and principles [5]
- b) Techniques & complications [5]

Question Number : 5 Question Id : 32718745347 Consider As Subjective : Yes

Progressive cubitus varus deformity:

- a) Etiopathogenesis. [5]
- b) Management. [5]

Question Number : 6 Question Id : 32718745348 Consider As Subjective : Yes

Discuss evolution of radial head replacement:

- a) Implant design. [5]
- b) Surgical technique. [5]

Question Number : 7 Question Id : 32718745349 Consider As Subjective : Yes

What are the different technique for incorporating Vitamin E to the poly used in TKA? [10]

Question Number : 8 Question Id : 32718745350 Consider As Subjective : Yes

- a) Metabolic syndrome and orthopaedics. [2]
- b) How to develop multimodal therapeutic approach? [4]
- c) Role of HbA1c in surgical decision making. [4]

Question Number : 9 Question Id : 32718745351 Consider As Subjective : Yes

Subtalar arthroereisis

- a) Biomechanical rationale. [6]
- b) Surgical techniques. [4]

Question Number : 10 Question Id : 32718745352 Consider As Subjective : Yes

Augmented reality in relation to orthopedics. [10]