

National Board of Examinations

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| Question Paper Name : | DNB Orthopaedics Paper3 |
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| Creation Date : | 2024-10-19 17:56:23 |
| Duration : | 180 |
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DNB Orthopaedics Paper3

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| Group Number : | 1 |
| Group Id : | 3271872839 |
| Group Maximum Duration : | 0 |
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| Show Attended Group? : | No |
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DNB Orthopaedics Paper3

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| Section Id : | 3271872842 |
| Section Number : | 1 |
| Section type : | Offline |
| Mandatory or Optional : | Mandatory |
| Number of Questions : | 10 |
| Number of Questions to be attempted : | 10 |
| Section Marks : | 100 |
| Maximum Instruction Time : | 0 |
| Sub-Section Number : | 1 |
| Sub-Section Id : | 3271872846 |
| Question Shuffling Allowed : | No |

Question Number : 1 Question Id : 32718729674 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) Define and describe clinical features of different types of physiological shocks seen in orthopaedic patients. [4]
- b) Describe management of each type of shock. [6]

Question Number : 2 Question Id : 32718729675 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Indications and techniques of vascularized fibula graft in traumatic, non-traumatic orthopedic disorders (Avascular necrosis femur head) and tumor reconstruction. [4+3+3]

Question Number : 3 Question Id : 32718729676 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Describe patho-anatomy, diagnosis, early and late management of urethral and bladder injuries in pelvic fractures. [3+2+5]

Question Number : 4 Question Id : 32718729677 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Describe definition of polytrauma and objective ways to classify and score polytrauma. [4]
- b) Elaborate Glasgow Coma scale. [3]
- c) Describe damage control orthopaedics in polytrauma patient. [3]

Question Number : 5 Question Id : 32718729678 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Describe the patho-anatomy and evidence-based treatment guidelines for the complete spectrum of "vascular injury with closed supracondylar humerus fracture in a child". [4+6]

Question Number : 6 Question Id : 32718729679 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Describe the principles and steps of "Post traumatic Thumb Reimplantation surgery". [5]
- b) Explain the correct method of transport of the "amputated part" to the reimplantation center. [2]

c) What are the contraindications for such reimplantation? [3]

Question Number : 7 Question Id : 32718729680 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Describe steps and algorithm of paediatric and adult Basic cardiac life support. [5]
- b) Describe steps and algorithm of paediatric and adult Advanced cardiac life support. [5]

Question Number : 8 Question Id : 32718729681 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Describe and draw anatomy of nail bed, complete spectrum of nail bed injuries and its treatment. [5]
- b) Describe principles of treatment of "Fingertip injuries with tissue loss". [5]

Question Number : 9 Question Id : 32718729682 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Classify appendicular soft tissue sarcoma. [3]
- b) Describe principles of resection of appendicular soft tissue sarcoma. [3]
- c) Describe concept of "external beam radiation therapy" and/ or "brachytherapy" in its treatment. [4]

Question Number : 10 Question Id : 32718729683 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Describe the concept, advantages and disadvantages of FAST/ e-FAST and CT angiography abdomen to evaluate abdominal injury in a polytrauma victim (with or without pelvic fracture). [5]
- b) What does a positive -FAST indicates in a case of pelvic fracture? [2]
- c) Compare e-FAST with diagnostic peritoneal aspiration. [3]