

National Board of Examinations

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| Question Paper Name : | DNB Emergency Medicine Paper1 |
| Subject Name : | DNB Emergency Medicine Paper1 |
| Creation Date : | 2023-10-15 14:11:51 |
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| Actual Answer Key : | No |

DNB Emergency Medicine Paper1

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| Group Number : | 1 |
| Group Id : | 3271872471 |
| 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 Emergency Medicine Paper1

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| Section Id : | 3271872474 |
| Section Number : | 1 |
| Section type : | Offline |

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|---|------------|
| 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 : | 3271872478 |
| Question Shuffling Allowed : | No |
| Is Section Default? : | null |

Question Number : 1 Question Id : 32718724943 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. a) Describe components of Level A, B and C personal protective equipment used in a chemical disaster. [5]
- b) Pathophysiology of blast injuries. [5]

Question Number : 2 Question Id : 32718724944 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) Acute radiation syndrome. [5]
- b) Mention indications of implantable cardioverter defibrillator and mention components and

newer technique of insertion. [5]

Question Number : 3 Question Id : 32718724945 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) Draw and label oxyhemoglobin dissociation curve and discuss factors affecting this curve. [5]
- b) Discuss clinical applications and limitation of end tidal capnogram. [5]

Question Number : 4 Question Id : 32718724946 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) Causes and diagnostic criteria of syndrome of inappropriate secretion of antidiuretic hormone (SIADH). [5]
- b) Discuss ECG findings and treatment for hypercalcemia associated with malignancy in emergency department. [5]

Question Number : 5 Question Id : 32718724947 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) Pharmacology and clinical use of class IV anti-arrhythmic drugs. [5]
- b) Discuss clinical indications and adverse effects of intravenous amiodarone. [5]

Question Number : 6 Question Id : 32718724948 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) LEMON airway assessment method. [5]
- b) Draw and label Central Venous Pressure Waveform and discuss its clinical application. [5]

Question Number : 7 Question Id : 32718724949 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) Enumerate items included for neurologic evaluation in the National Institutes of Health Stroke Scale (NIHSS). [5]
- b) Rapid sequence intubation. [5]

Question Number : 8 Question Id : 32718724950 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 pharmacology of Bupivacaine and how will you treat a patient with systemic toxicity due to bupivacaine. [5]
- b) Discuss Ketamine based regimen for procedural sedation and analgesia. [5]

Question Number : 9 Question Id : 32718724951 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) Neurogenic shock versus spinal shock. [5]
- b) Describe pathological changes of pregnancy. [5]

Question Number : 10 Question Id : 32718724952 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 tests of hemostasis and its clinical correlations for a patient with a suspected abnormal bleeding disorder. [5]
- b) Mention contraindications to lumbar puncture and write on normal cerebrospinal fluid values.

