

# National Board of Examinations

**Question Paper Name :** DNB Emergency Medicine Paper1  
**Subject Name :** DNB Emergency Medicine Paper1  
**Duration :** 180  
**Total Marks :** 100  
**Display Marks:** No

**Maximum Instruction Time :** 0

**Question Number : 1 Question Id : 32718737765 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) Enumerate any two femoral traction splints used in prehospital phase. Write indications and contraindications of these femoral traction splints used in prehospital phase. [2+5]  
b) Guidelines for cervical spine clearance in the field. [3]

**Question Number : 2 Question Id : 32718737766 Consider As Subjective : Yes**

- a) Incident command system of disaster. [5]  
b) Four color-coded triage categories. [5]

**Question Number : 3 Question Id : 32718737767 Consider As Subjective : Yes**

- a) Enumerate high risk chemicals that compromise oxygen delivery outlining their mechanism of action. [4]  
b) Discuss the different types of radiation and commonly used radiation monitoring equipment. [3+3]

**Question Number : 4 Question Id : 32718737768 Consider As Subjective : Yes**

- a) Metabolic acidosis. [5]  
b) Describe the mechanism of action, contraindications and complications of succinylcholine. [5]

**Question Number : 5 Question Id : 32718737769 Consider As Subjective : Yes**

- a) Discuss ECG features of atrial fibrillation and atrial flutter. [3]
- b) Describe emergency room management of ventricular tachycardia and fibrillation. [7]

**Question Number : 6 Question Id : 32718737770 Consider As Subjective : Yes**

- a) Procedural sedation and analgesia for fracture of upper end of humerus in the emergency room. [5]
- b) Surgical cricothyroidotomy. [5]

**Question Number : 7 Question Id : 32718737771 Consider As Subjective : Yes**

- a) Discuss management algorithm of Pulseless Electrical Activity (PEA) in cardiac arrest resuscitation. [5]
- b) Diagnosis of sepsis in the emergency room. [5]

**Question Number : 8 Question Id : 32718737772 Consider As Subjective : Yes**

- a) Laboratory evaluation and imaging tests for hepatobiliary disease. [5]
- b) Management of dog bite. [5]

**Question Number : 9 Question Id : 32718737773 Consider As Subjective : Yes**

- a) Discuss failed intubation drill in pediatric age group compared to adults. [5]
- b) Describe causes, diagnostic evaluation and treatment of hypokalemia. [5]

**Question Number : 10 Question Id : 32718737774 Consider As Subjective : Yes**

- a) Anatomy of layers of scalp and hair apposition technique. [3+3]
- b) Post-injury tetanus prophylaxis. [4]