

National Board of Examinations

Question Paper Name :	DNB Emergency Medicine Paper1
Subject Name :	DNB Emergency Medicine Paper1
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Actual Answer Key :	No

DNB Emergency Medicine Paper1

Group Number :	1
Group Id :	3271871425
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

Section Id :	3271871428
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 :	3271871432
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718713332 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) Define brain death. [1]
- b) Discuss clinical evaluation of a patient to confirm brain death. [6]
- c) Pathophysiology of acute blood transfusion hemolytic reaction. [3]

Question Number : 2 Question Id : 32718713333 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) Physical status classification system of assessment of airway by American Society of Anesthesiologists (ASH). [5]

b) Discuss LEMON mnemonic for evaluation of difficult direct laryngoscopy. [5]

Question Number : 3 Question Id : 32718713334 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) Pathophysiology of anaphylaxis. [3]
- b) Diagnostic criteria for anaphylaxis. [3]
- c) Physiological changes in elderly persons relevant to emergencies. [4]

Question Number : 4 Question Id : 32718713335 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) Physiology of potassium homeostasis. [2]
- b) Etiology of hyperkalemia. [3]
- c) End tidal capnogram and its utility in the emergency department. [5]

Question Number : 5 Question Id : 32718713336 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 two triage systems for adults and one triage system for children in mass casualty incidents in the field settings. [6+4]

Question Number : 6 Question Id : 32718713337 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 and draw life cycle of *Plasmodium vivax*. [6]
- b) How will you diagnose *Plasmodium vivax* and *Plasmodium falciparum* malaria? [2+2]

Question Number : 7 Question Id : 32718713338 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 incident command system for an external disaster. [6]
- b) Physics of radiation. [4]

Question Number : 8 Question Id : 32718713339 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) Anatomy of neck relevant to trauma. [5]
- b) Classification and pathophysiology of hemorrhagic shock. [3+2]

Question Number : 9 Question Id : 32718713340 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 imaging modalities for foreign bodies in soft tissue. [4]
- b) Discuss various non-absorbable sutures along with their usage in the emergency department. [3+3]

Question Number : 10 Question Id : 32718713341 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) Classification of anti-arrhythmic agents. [4]
- b) Classification of vasopressors and inotropic agents. [4+2]