

National Board of Examinations

Question Paper Name :	DNB Emergency Medicine Paper1
Subject Name :	DNB Emergency Medicine Paper1
Creation Date :	2022-06-25 17:18:19
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Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DNB Emergency Medicine Paper1

Group Number :	1
Group Id :	3271871197
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

DNB Emergency Medicine Paper1

Section Id :	3271871200
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 :	3271871204
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 32718711022 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

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 the pathophysiology of diabetic ketoacidosis Versus hyperglycemic hyperosmolar syndrome. [5]

b) Classify and describe the pathophysiology of lactic acidosis. [5]

Question Number : 2 Question Id : 32718711023 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

a) Describe the anatomy and physiology of neuromuscular junction. [5]

b) Enumerate the differential diagnosis of acute onset quadriparesis. [5]

Question Number : 3 Question Id : 32718711024 Question Type : SUBJECTIVE Consider As

Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Draw a diagram and describe the physiology of lung volumes and capacities. [5]
- b) Initial ventilator settings for metabolic acidosis. [5]

Question Number : 4 Question Id : 32718711025 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Draw and label circle of Willis. [5]
- b) Describe the pathophysiology of acute ischemic stroke. [5]

Question Number : 5 Question Id : 32718711026 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Draw, label and describe counter current mechanism. [5]
- b) Discuss the pathophysiology of acute kidney injury due to rhabdomyolysis. [5]

Question Number : 6 Question Id : 32718711027 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Describe the buffer systems, respiratory and renal regulations of acid-base balance. [5]
- b) Discuss the acid-base disorders and coagulation derangement in trauma. [5]

Question Number : 7 Question Id : 32718711028 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Discuss the anatomical and physiological differences seen in a pregnant female. [5]
- b) Describe the indication and procedure of Postmortem Cesarean section. [5]

Question Number : 8 Question Id : 32718711029 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Describe pathways and mechanism for transmission of acute onset pain. [5]
- b) Discuss pain scales among non-verbal age group. [5]

Question Number : 9 Question Id : 32718711030 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Draw a labelled diagram of knee joint and describe various tests to evaluate it clinically. [5]
- b) Draw a labelled diagram and describe the clinical significance of Femoral triangle. [5]

Question Number : 10 Question Id : 32718711031 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Discuss spinal cord syndromes. [5]
- b) Draw, label and locate the lesion in visual pathway in right homonymous hemianopia. [5]