

National Board of Examinations

Question Paper Name :	DrNB CRITICAL CARE MEDICINE Paper1
Subject Name :	DrNB CRITICAL CARE MEDICINE Paper1
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Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DrNB CRITICAL CARE MEDICINE Paper1

Group Number :	1
Group Id :	3271871885
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

DrNB CRITICAL CARE MEDICINE Paper1

Section Id :	3271871888
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 :	3271871892
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718718462 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) Pathophysiology of hepatorenal syndrome. [5]
- b) Principles of CRRT. [5]

Question Number : 2 Question Id : 32718718463 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) Pharmacokinetics and pharmacodynamics of a drug in critically ill. [5]
- b) Compare time-dependent and concentration-dependent antimicrobials with example. [5]

Question Number : 3 Question Id : 32718718464 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) Quality indicators in ICU. [5]
- b) Enumerate different care bundle used in ICU and discuss briefly about intubation bundle. [5]

Question Number : 4 Question Id : 32718718465 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) Transpulmonary pressure. [5]
- b) Basic types of mechanical breath. [5]

Question Number : 5 Question Id : 32718718466 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) NNT (Number Needed to Treat). [5]
- b) Blobbogram (Forest plot). [5]

Question Number : 6 Question Id : 32718718467 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) Physiological advantages of HFNC. [5]
- b) Causes of refractory hypoxemia in ARDS. [5]

Question Number : 7 Question Id : 32718718468 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) Role of POCUS in fluid resuscitation. [5]
- b) Explain arterial waveform with diagram. [5]

Question Number : 8 Question Id : 32718718469 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) Diagnostic criteria for infective endocarditis. [5]
- b) Tumor lysis syndrome. [5]

Question Number : 9 Question Id : 32718718470 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) Different type of nebulizers. [5]
- b) Cerebral auto-regulation. [5]

Question Number : 10 Question Id : 32718718471 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) Various scores used in acute pancreatitis. [5]
- b) Pulse oximetry - Principle, advantages and disadvantages. [5]