

National Board of Examinations

Question Paper Name :	DrNB CRITICAL CARE MEDICINE Paper2
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Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DrNB CRITICAL CARE MEDICINE Paper2

Group Number :	1
Group Id :	3271872108
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 Paper2

Section Id :	3271872111
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 :	3271872115
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718721253 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. Describe basic principle, physiologic effects, indications, contraindications and complications of intra-aortic balloon pump counterpulsation (IABP). [2+2+2+2+2]

Question Number : 2 Question Id : 32718721254 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

What are the common causes for acute jaundice associated with critical illness? Discuss their pathogenesis in short. [5+5]

Question Number : 3 Question Id : 32718721255 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 the management of acute ischemic stroke patient presenting within 6 hours after onset of symptoms. Support your answer with clinical trials. Enumerate the components and implications of NIHSS score in management of stroke patients. [4+3+3]

Question Number : 4 Question Id : 32718721256 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

What is plasmapheresis and plasma exchange? Discuss their role/indications in ICU. [5+5]

Question Number : 5 Question Id : 32718721257 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Enumerate the common causes of intestinal failure(bowel). Discuss with justification various antibiotics which can be used empirically after appropriate source control in a 60 year old patient presenting with 4 days old perforation peritonitis. [5+5]

Question Number : 6 Question Id : 32718721258 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Define the various modes of mechanical ventilation. How are these classified? [2+8]

Question Number : 7 Question Id : 32718721259 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Enumerate various quality care indicators in the critically ill patient. Discuss briefly various barriers faced while implementing quality care in an intensive care unit. [5+5]

Question Number : 8 Question Id : 32718721260 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) Principles of end-of-life care in ICU. [5]
- b) Post Covid syndrome. [5]

Question Number : 9 Question Id : 32718721261 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 the strategy with rationale for implementing antibiotic stewardship for critically ill patients with ventilator-associated pneumonia. [10]

Question Number : 10 Question Id : 32718721262 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 the causes of increased risk of thromboembolism and bleeding in patients with kidney injury. [5]
- b) Briefly review the anticoagulants used across the spectrum of renal function. [5]