

National Board of Examinations

Question Paper Name :	DrNB CRITICAL CARE MEDICINE Paper3
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Actual Answer Key :	No

DrNB CRITICAL CARE MEDICINE Paper3

Group Number :	1
Group Id :	3271872082
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 Paper3

Section Id :	3271872085
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 :	3271872089
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718720552 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. Ventilator-Induced Diaphragmatic Dysfunction (VIDD):
- Definition. [3]
 - Role of POCUS in the management of VIDD. [3]
 - Role of USG in weaning from mechanical ventilation. [4]

Question Number : 2 Question Id : 32718720553 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Plasmapheresis in ICU:

- a) Principle and indications. [3]
- b) Contraindications. [2]
- c) Complications and their management. [5]

Question Number : 3 Question Id : 32718720554 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

In polytrauma patients:

- a) What is damage control resuscitation? [3]
- b) Describe massive transfusion protocol in polytrauma patients. [3]
- c) Complications of massive blood transfusion. [4]

Question Number : 4 Question Id : 32718720555 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Febrile neutropenia in ICU:

- a) Definition. [2]
- b) Enumerate the causes. [2]
- c) Approach towards a patient of febrile neutropenia presented in ICU. [6]

Question Number : 5 Question Id : 32718720556 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Community acquired pneumonia:

- a) Severity scoring systems. [4]
- b) Discuss the role of steroids in community acquired pneumonia and support your answer with clinical trials. [6]

Question Number : 6 Question Id : 32718720557 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Rapid diagnostics in sepsis:

- a) Multiplex Polymerase Chain Reaction (PCR). [3]
- b) Matrix Assisted Laser Desorption Ionization-Time Of Flight Mass Spectrometry (MALDI-TOF MS). [4]
- c) BACTEC-Automated Blood Culture System. [3]

Question Number : 7 Question Id : 32718720558 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

The ABCDEF bundle or ICU liberation bundle. [10]

Question Number : 8 Question Id : 32718720559 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 the role of genetic polymorphism in sepsis management? What are the current guidelines in septic shock management? Support your answer with evidence. [3+4+3]

Question Number : 9 Question Id : 32718720560 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 ultrasound-guided percutaneous tracheostomy (PCT). What are the advantages and disadvantages of bronchoscopic guided PCT? [6+(2+2)]

Question Number : 10 Question Id : 32718720561 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 methods of setting PEEP in ARDS patients. [5]

b) Non cardiac indications of ECMO with supporting evidence. [5]