

National Board of Examinations

Question Paper Name :	DrNB CRITICAL CARE MEDICINE Paper1
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Actual Answer Key :	No

DrNB CRITICAL CARE MEDICINE Paper1

Group Number :	1
Group Id :	3271871267
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

DrNB CRITICAL CARE MEDICINE Paper1

Section Id :	3271871270
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 :	3271871274
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 32718711722 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. Describe about percutaneous tracheostomy:

- Applied anatomy including arterial and venous supply. [4]
- Enumerate various methods. [3]
- Complications. [3]

Question Number : 2 Question Id : 32718711723 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- Pathophysiology of hepatic encephalopathy. [5]
- Intra-cranial pressure (ICP) monitoring. [5]

Question Number : 3 Question Id : 32718711724 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Capnography. [5]
- b) Various types of respirators in the prevention of airborne transmission of diseases. [5]

Question Number : 4 Question Id : 32718711725 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Effect of changes in intra-thoracic pressure during mechanical ventilation on:

- a) Right ventricular function. [5]
- b) Left ventricular function. [5]

Question Number : 5 Question Id : 32718711726 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Heparin-induced thrombocytopenia. [5]
- b) Thromboelastography (TEG). [5]

Question Number : 6 Question Id : 32718711727 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Describe anti-pseudomonas antimicrobials:

- a) Enumerate groups of the antimicrobials. [4]
- b) Their mechanism of action. [6]

Question Number : 7 Question Id : 32718711728 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

a) Auto PEEP. [5]

b) Driving pressure. [5]

Question Number : 8 Question Id : 32718711729 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Describe each with one example:

a) Odd ratio and Relative risk. [3+3]

b) Randomization methods. [4]

Question Number : 9 Question Id : 32718711730 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Describe in brief about research related:

a) Informed consent document. [5]

b) Clinical Trial Registry of India. [5]

Question Number : 10 Question Id : 32718711731 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Describe about interpretation of acid-base abnormality:

a) Enumerate different methods. [4]

b) Describe in brief about Stewart approach. [6]