

National Board of Examinations

Question Paper Name :	Diploma Anaesthesiology Paper3
Subject Name :	Diploma Anaesthesiology Paper3
Creation Date :	2024-12-16 09:57:05
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Actual Answer Key :	No

Diploma Anaesthesiology Paper3

Group Number :	1
Group Id :	3271873247
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100

Diploma Anaesthesiology Paper3

Section Id :	3271873250
Section Number :	1
Section type :	Offline
Mandatory or Optional :	Mandatory
Number of Questions :	10
Number of Questions to be attempted :	10
Section Marks :	100
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	3271873254
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 32718734414 Question Type : SUBJECTIVE Consider As Subjective : Yes

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) Role of Ultrasonography(USG) in airway assessment. [5]
- b) Discuss use of vasopressors in septic shock as per surviving sepsis campaign guidelines. [5]

Question Number : 2 Question Id : 32718734415 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Define brain death. Enumerate the steps to diagnose brain death. [2+4]
- b) Anaesthetic management of brain dead for organ retrieval. [4]

Question Number : 3 Question Id : 32718734416 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Different roles of Magnesium in Anaesthesiology. [5]
- b) Segmental spinal anaesthesia. [5]

Question Number : 4 Question Id : 32718734417 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Discuss accidental awareness during anaesthesia, and its prevention. [5]
- b) Advantages and disadvantages of colloids intravenous(IV) fluids. [5]

Question Number : 5 Question Id : 32718734418 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Cardiopulmonary Resuscitation(CPR) in a hypothermic patient in cardiac arrest. [5]
- b) Etomidate. [5]

Question Number : 6 Question Id : 32718734419 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Opioid free anaesthesia. [5]
- b) Enumerate the causes and discuss the management of a patient in Type I respiratory failure. [2+3]

Question Number : 7 Question Id : 32718734420 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Enumerate modalities available for pain relief during labor. How will you conduct labor analgesia for a 32-year-old female in true labor, with 2cm os dilation and 50% effacement of cervix, who has presented to labor room and demands analgesia? Enumerate possible complications. [3+5+2]

Question Number : 8 Question Id : 32718734421 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Classify supraglottic airway devices(SADs). What are the modifications done in 3rd generation SADs? Enumerate the possible complications associated with use of SADs. [3+4+3]

Question Number : 9 Question Id : 32718734422 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

a) WHO ladder for pain management. [5]

b) Drug dose modification in obese patients. [5]

Question Number : 10 Question Id : 32718734423 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Anaesthetic considerations and management of a 38-year-old female patient planned for resection of pituitary adenoma. [5+5]