

National Board of Examinations

Question Paper Name :	DNB Anaesthesiology Paper4
Subject Name :	DNB Anaesthesiology Paper4
Creation Date :	2024-10-21 16:15:59
Duration :	180
Total Marks :	100
Display Marks:	No
Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DNB Anaesthesiology Paper4

Group Number :	1
Group Id :	3271872699
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100

DNB Anaesthesiology Paper4

Section Id :	3271872702
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 :	3271872706
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 32718728274 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) NDPS Act. [5]
- b) Point of care coagulation monitoring. [5]

Question Number : 2 Question Id : 32718728275 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Closed-loop drug delivery systems. [5]
- b) Advanced Airway Imaging. [5]

Question Number : 3 Question Id : 32718728276 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

What are the diagnostic criteria for clinical diagnosis of brain death? [10]

Question Number : 4 Question Id : 32718728277 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Draw the Algorithm of Comprehensive Cardiopulmonary Life Support (CCLS) guidelines from the Indian Resuscitation Council Federation. Discuss the key parameters for good-quality CPR. [6+4]

Question Number : 5 Question Id : 32718728278 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Enumerate dynamic and static parameters of fluid responsiveness. Write briefly about the PiCCO monitor and its clinical utilisation. [5+5]

Question Number : 6 Question Id : 32718728279 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Discuss the recent updates in the fluid compartmental model and fluid management. What are the newer modalities and tools for guiding fluid management in the perioperative period? [5+5]

Question Number : 7 Question Id : 32718728280 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Role of Artificial Intelligence in anaesthesia. [5]
- b) Surviving sepsis guidelines. [5]

Question Number : 8 Question Id : 32718728281 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

What is the role of Ultrasound in perioperative care? Discuss the advantages and limitations of haemodynamic management using ultrasonography in the perioperative care of surgical patients. [4+6]

Question Number : 9 Question Id : 32718728282 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

What are the Indian guidelines for feeding and fasting for patients undergoing surgery? What is the role of carbohydrate loading preoperatively? [6+4]

Question Number : 10 Question Id : 32718728283 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Anaesthetic technique and cancer recurrence. [5]
- b) Newer fascial plane blocks and their implications. [5]