

National Board of Examinations

Question Paper Name :	DNB Anaesthesiology Paper4
Subject Name :	DNB Anaesthesiology Paper4
Creation Date :	2023-10-16 09:54:26
Duration :	180
Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DNB Anaesthesiology Paper4

Group Number :	1
Group Id :	3271872444
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

DNB Anaesthesiology Paper4

Section Id :	3271872447
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 :	3271872451
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718724673 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. Enumerate the important components of latest biomedical waste management guidelines. How would you handle waste generated during anaesthesia management of COVID-19 patient? [5+5]

Question Number : 2 Question Id : 32718724674 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Briefly describe the role of artificial intelligence and machine learning in anesthesia. [10]

Question Number : 3 Question Id : 32718724675 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

How does the practice of anesthesia contribute to the carbon footprint, and what strategies can be adopted to reduce their environmental impact while ensuring safety and quality care? [5+5]

Question Number : 4 Question Id : 32718724676 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 sepsis and septic shock. Enumerate the components of score recommended for screening in the recent sepsis guidelines. Describe the initial resuscitation in a sepsis patient. [2+3+5]

Question Number : 5 Question Id : 32718724677 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) Costoclavicular approach to brachial plexus block. [5]
- b) Total intravenous anesthesia. [5]

Question Number : 6 Question Id : 32718724678 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) Bone Cement Implantation Syndrome. [5]
- b) End of life counselling. [5]

Question Number : 7 Question Id : 32718724679 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 pain. Differentiate between nociceptive and neuropathic pain. Discuss the setting up of a multidisciplinary care setup for management of patients with chronic pain? [1+2+7]

Question Number : 8 Question Id : 32718724680 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) Non invasive cardiac output monitoring. [5]
- b) Uterine atony. [5]

Question Number : 9 Question Id : 32718724681 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) Organophosphorus poisoning. [5]
- b) Thromboelastogram. [5]

Question Number : 10 Question Id : 32718724682 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) Liposomal bupivacaine. [5]
- b) Sugammadex. [5]