

National Board of Examinations

Question Paper Name :	DrNB Neuro Anaesthesia Paper3
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Actual Answer Key :	No

DrNB Neuro Anaesthesia Paper3

Group Number :	1
Group Id :	327187809
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 Neuro Anaesthesia Paper3

Section Id :	327187812
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 :	327187816
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 3271877172 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. a) Intracerebral hemorrhage (ICH) score. [4]
- b) Measures to limit hematoma expansion following ICH. [6]

Question Number : 2 Question Id : 3271877173 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) Indications of therapeutic hypothermia. [5]
- b) Adverse effects of therapeutic hypothermia. [5]

Question Number : 3 Question Id : 3271877174 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) Commonly used sedative agents and their indications for use in neuro-critical care. [3+3]
- b) Principles of sedation management in patients with traumatic brain injury. [4]

Question Number : 4 Question Id : 3271877175 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) What are the neuroradiological diagnostic modalities for therapeutic decision making in a patient presenting with suspected acute ischemic stroke. [4]
- b) Describe the anaesthetic management of patient with acute stroke for mechanical thrombectomy. [6]

Question Number : 5 Question Id : 3271877176 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) Describe the various stages in evolution of traumatic spinal cord injury. [5]
- b) Describe the management of autonomic dysfunction in Guillian Barrie Synrome. [5]

Question Number : 6 Question Id : 3271877177 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) Potential perioperative concerns during resection of a 4cm x 5cm planum sphenoidale meningioma. [4]
- b) Various perioperative blood conservation and transfusion strategies for optimal blood management for this surgery. [6]

Question Number : 7 Question Id : 3271877178 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Diagnosis and management of bacterial meningitis. [5+5]

Question Number : 8 Question Id : 3271877179 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) Potential concerns during Intraoperative magnetic resonance imaging (MRI) guided neurosurgery. [5]

b) Safety Checklist for safe conduct of Intraoperative magnetic resonance imaging (MRI) guided neurosurgery. [5]

Question Number : 9 Question Id : 3271877180 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) Limitations and advantages of intraoperative Somatosensory evoked potential (SSEP) Monitoring. [3+3]

b) Warning criteria during intraoperative SSEP monitoring. [2]

c) Warning criteria during intraoperative Motor Evoked Potential Monitoring. [2]

Question Number : 10 Question Id : 3271877181 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) Indications of lumbar drain insertion in neurosurgery and neurocritical care [4]

b) Precautions and potential complications associated with use of a lumbar drain. [3+3]