

National Board of Examinations

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| Question Paper Name : | DrNB Neuro Anaesthesia Paper1 |
| Subject Name : | DrNB Neuro Anaesthesia Paper1 |
| Creation Date : | 2024-05-15 21:33:47 |
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DrNB Neuro Anaesthesia Paper1

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| Group Number : | 1 |
| Group Id : | 3271871992 |
| 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 Paper1

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| Section Id : | 3271871995 |
| Section Number : | 1 |
| Section type : | Offline |

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|---|------------|
| 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 : | 3271871999 |
| Question Shuffling Allowed : | No |
| Is Section Default? : | null |

Question Number : 1 Question Id : 32718719562 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) Describe the role of ketamine in neuroanaesthesia practice. [7]
- b) Discuss the role of ketamine in the management of status epilepticus. [3]

Question Number : 2 Question Id : 32718719563 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) Enumerate the different modalities of clinically used neurophysiologic monitoring. [4]
- b) Describe in details Visual evoked potential monitoring. [6]

Question Number : 3 Question Id : 32718719564 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 anatomy of cervical spine. [5]
- b) What are the clinical relevance of anatomy of cervical spine to the neuroanaesthesiologists. [5]

Question Number : 4 Question Id : 32718719565 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) Define trigeminal neuralgia. [2]
- b) Describe the procedure of percutaneous radiofrequency ablation of gasserian ganglion. [8]

Question Number : 5 Question Id : 32718719566 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) Enumerate the risk factors for awareness during anesthesia. [4]
- b) Discuss the utility and limitation of bi-spectral index monitoring in this context. [6]

Question Number : 6 Question Id : 32718719567 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) Define intracranial pressure (ICP). [2]
- b) Discuss the normal and abnormal ICP wave patterns and their clinical significances. [4+4]

Question Number : 7 Question Id : 32718719568 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 cerebral venous system. [5]
- b) Write their clinical relevance to a clinical neuroscientist. [5]

Question Number : 8 Question Id : 32718719569 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 is post craniotomy pain? [3]
- b) Describe the management strategies of post craniotomy pain in adults and children. [5+2]

Question Number : 9 Question Id : 32718719570 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) Enumerate regional anesthesia procedures utilised for neurosurgical procedures. [4]
- b) Describe the indications and technique of erector spinae plane block. [2+4]

Question Number : 10 Question Id : 32718719571 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Describe how to write a scientific paper. [10]