

National Board of Examinations

Question Paper Name :	Diploma Anaesthesiology Paper2
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Diploma Anaesthesiology Paper2

Group Number :	1
Group Id :	3271873246
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100

Diploma Anaesthesiology Paper2

Section Id :	3271873249
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 :	3271873253
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 32718734404 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) What is Total Intravenous Anaesthesia (TIVA)? Describe target-controlled infusion. [2+3]
b) Enumerate the indications, advantages and disadvantages of TIVA. [1+2+2]

Question Number : 2 Question Id : 32718734405 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Enumerate the objectives and measures for pre-operative optimization of a pheochromocytoma patient. [5]
b) Describe anaesthetic technique for intra-operative management of pheochromocytoma. [5]

Question Number : 3 Question Id : 32718734406 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Discuss the post-operative pain management modalities in a 58-year-old female with carcinoma right breast planned for modified radical mastectomy. [5]
b) Post-spinal shivering. [5]

Question Number : 4 Question Id : 32718734407 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) What are the techniques for controlled hypotensive anaesthesia? [4]
b) Indications, contraindications and complications of controlled hypotensive anaesthesia. [2+2+2]

Question Number : 5 Question Id : 32718734408 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

A 3-year-old child presents with respiratory distress and child is planned for emergency bronchoscopic removal of foreign body in right main bronchus.
Discuss the anaesthetic concerns, technique of anaesthetizing this patient and possible complications. [3+5+2]

Question Number : 6 Question Id : 32718734409 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Methods to prevent haemodynamic response to laryngoscopy and intubation. [5]

b) Atrial fibrillation - types and management. [2+3]

Question Number : 7 Question Id : 32718734410 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

a) What is blood component therapy? Describe via a flow chart how different blood components are obtained from whole blood. [2+4]

b) How are platelets stored? Enumerate indications and complications of platelet transfusion. [1+3]

Question Number : 8 Question Id : 32718734411 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

a) Compare and contrast Ropivacaine and Bupivacaine. [5]

b) Discuss the anaesthetic implications of autonomic neuropathy. [5]

Question Number : 9 Question Id : 32718734412 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

A 48-year-old patient known case of chronic kidney disease on hemodialysis, is posted for percutaneous nephrolithotomy (PCNL).

Discuss the anaesthetic concerns and technique for conduct of anaesthesia for this patient, with rationale. [5+5]

Question Number : 10 Question Id : 32718734413 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

a) Possible causes of airway obstruction following thyroid surgery and management. [3+3]

b) Discuss the anaesthesia technique for modified electro-convulsive therapy (ECT). [4]