

ANAESTHESIOLOGY

PAPER – I

ANS/J/15/01/I

Time : 3 hours

Max. Marks : 100

IMPORTANT INSTRUCTIONS

- *This question paper consists of 10 questions divided into Part 'A' and Part 'B', each part containing 5 questions.*
- *Answers to questions of Part 'A' and Part 'B' are to be strictly attempted in separate answer sheet(s) and the main + supplementary answer sheet(s) used for each part must be tagged separately.*
- *Answers to questions of Part 'A' attempted in answer sheet(s) of Part 'B' or vice versa shall not be evaluated.*
- *Answer sheet(s) of Part 'A' and Part 'B' are not to be tagged together.*
- *Part 'A' and Part 'B' should be mentioned only on the covering page of the respective answer sheet(s).*
- *Attempt all questions in order.*
- *Each question carries 10 marks.*
- *Read the question carefully and answer to the point neatly and legibly.*
- *Do not leave any blank pages between two answers.*
- *Indicate the question number correctly for the answer in the margin space.*
- *Answer all the parts of a single question together.*
- *Start the answer to a question on a fresh page or leave adequate space between two answers.*
- *Draw table/diagrams/flowcharts wherever appropriate.*

PART A

Write short notes on:

1.	a) Anatomy of stellate ganglion. b) Technique of stellate ganglion block. c) Enumerate complications of stellate ganglion block.	3+5+2
2.	a) Draw the "classical coagulation cascade". b) Methods of perioperative coagulation monitoring.	4+6
3.	Various patient positions during anaesthesia and their complications.	3+7
4.	Pathophysiology of shivering and its management in post anaesthesia care unit.	4+6
5.	a) What are alpha 2 agonists? b) Pharmacodynamic properties of alpha 2 agonists and their uses in anaesthesia.	2+(4+4)

P.T.O.

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Please read carefully the important instructions mentioned on Page ‘1’

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- *Answers to questions of Part ‘A’ attempted in answer sheet(s) of Part ‘B’ or vice versa shall not be evaluated.*

PART B

6.	a) Enumerate various supra glottic airway devices. b) Tabulate the differences between Proseal LMA and I-gel airway.	4+6
7.	a) What are Bohr effect and Haldane effect? b) Their role in carbon dioxide transport in the body.	(3+3)+4
8.	a) Pharmacokinetics and pharmacodynamics of etomidate. b) Role of etomidate in anaesthesia.	(4+4)+2
9.	a) CVP waveforms and their correlation with ECG with the help of a diagram. b) Diagnostic significance of CVP waveform.	5+5
10	Differentiate between parametric and non parametric tests of significance.	5+5
