

**ANAESTHESIOLOGY**

PAPER – IV

ANS/J/15/01/IV

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) Define and classify chronic pain. b) Methods of treatment of Complex Regional Pain Syndrome of left upper limb in a 20 year old male patient.	2+8
2.	a) Metabolic changes that occur during critical illness. b) Goals of nutritional support in critically ill patients. c) Enumerate the daily requirements for a critically ill patient admitted in I C U.	3+3+4
3.	a) Indications for putting the patient on mechanical ventilation in ICU setting. b) Name the various modes of ventilation. c) How would you initiate a patient on mechanical ventilation?	3+3+4
4.	a) Recent guidelines for ventilation and chest compressions for neonatal resuscitation. b) What are the drugs used for neonatal resuscitation?	6+4
5.	a) Indications of renal replacement therapy. b) Enumerate the various modes of renal replacement therapy. c) Role of CRRT in septic shock.	3+3+4

P.T.O.

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

- *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.*

**PART B**

6.	a) Define HOSPICE care. Who qualifies for it and where is HOSPICE care provided? b) Pain management strategies for HOSPICE care.	(2+2+2)+4
7.	a) Coagulation abnormalities that can occur in haemorrhagic shock. b) How will you investigate and treat it?	3+4+3
8.	a) Different measures used to assess sedation in ICU. b) Briefly describe three commonly used agents for ICU sedation.	5+5
9.	a) Enumerate the criteria for brain death. b) Anaesthetic goals in a brain dead patient scheduled for organ harvesting.	3+7
10.	a) How will you investigate the neurological status of a patient who sustained head injury in a road traffic accident? b) How will you manage this patient in the Emergency department?	6+4

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