

ANAESTHESIOLOGY

PAPER – IV

ANS/D/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) What is Berlin's definition of Acute Respiratory Distress Syndrome (ARDS)? 2+(2+2+4)
b) Etiopathogenesis, severity classification and ICU management of a case of ARDS.
2. What are the drugs used for chronic pain management? Mention their site of action, mechanism of action and complication of each drug. 2+(2+3+3)
3. a) What is the principle of physics on the use of ultrasound in medical practice? 5+5
b) Role of ultrasound in practice of anaesthesia and I C U.
4. a) Steps for separation of whole blood for component therapy. 6+(2+2)
b) Indications and contraindications for fresh frozen plasma.
5. a) Cardiac conduction system. 5+5
b) How will you manage a patient with "Paroxysmal Supraventricular Tachycardia"?

P.T.O.