

**ANAESTHESIOLOGY**  
**PAPER-II**

ANS/J/19/01/II

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 question(s) of Part A attempted in answer sheet(s) of part B or Vice versa shall not be evaluated.
- Answer sheets 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 sheets.
- 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.

Write short notes on:

**PART A**

- |    |   |     |
|----|---|-----|
| 1. | a) Define and classify chronic kidney disease (CKD).<br>b) Anaesthetic management of a 30-year-old male CKD patient for intertrochanteric fracture femur.   | 4+6 |
| 2. | a) What is oculocardiac reflex?<br>b) Pre-operative preparation and management of a 6-year-old female patient for strabismus surgery.   | 3+7 |
| 3. | What is HELLP (Hemolysis Elevated Liver Enzymes Low Platelets) syndrome? How will you manage a 36 weeks parturient with HELLP syndrome for emergency caesarean section?   | 5+5 |
| 4. | a) Various classification of anaesthetic vaporizers.<br>b) Functioning of Desflurane vaporizer.   | 5+5 |
| 5. | Describe pulmonary function tests in a patient of Chronic Obstructive Pulmonary Disease (COPD). How will you manage postoperative pain in a 65-year-old male patient of COPD operated for right inguinal hernia repair? | 5+5 |

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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 sheets and the main + supplementary answer sheets used for each part must be tagged separately.
- Answers to question(s) of Part A attempted in answer sheets of Part B or vice versa shall not be evaluated.

**PART B**

- |  |       |
|--|-------|
| 6. A 50-year-old diabetic female patient is posted for nail bed abscess drainage on day care basis.  | 2+2+6 |
| a) How will you investigate and prepare her preoperatively?  |       |
| b) What is your plan of anaesthesia?   |       |
| c) What are the discharge criteria for day care patients?  |       |
| 7. Discuss haemodynamic changes occurring during laparoscopic surgery. How will you plan and manage anaesthesia for a 53-year-old female patient posted for total laparoscopic hysterectomy? | 4+6   |
| 8. a) Write differences between thermoregulation in adult and pediatric patient.   | 5+5   |
| b) Describe different methods for maintenance of body temperature during anaesthesia.  |       |
| 9. Discuss preoperative optimization and anaesthesia management in a 70-year-old male patient with permanent pacemaker posted for total knee replacement surgery.                            | 10    |
| 10. Describe liver function tests with interpretation for diagnosis of hepatobiliary disorders. Discuss anaesthetic goals in a patient with obstructive jaundice.                            | 5+5   |

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