

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). 4+6
b) Anaesthetic management of a 30-year-old male CKD patient for intertrochanteric fracture femur.
2. a) What is oculocardiac reflex? 3+7
b) Pre-operative preparation and management of a 6-year-old female patient for strabismus surgery.
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. 5+5
b) Functioning of Desflurane vaporizer.
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'

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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
