



RAN-2406120101010502

M.D. (Anaesthesiology) Examination September - 2025

Paper - II (Practice Of Anaesthesia)

Time: 3 Hours]

[Total Marks: 100

સૂચના : / Instructions

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

M.D. (Anaesthesiology)

Name of the Subject :

Paper - II (Practice Of Anaesthesia)

Subject Code No.: **2406120101010502**

Seat No.:

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Student's Signature

- Q-1.** Describe liver function tests with interpretation to diagnose hepatobiliary disorder. How risk assessment done in patients with major hepatic disorder. Discuss anaesthetic management of patient with obstructive jaundice posted for Whipple's procedure. **(3+2+5=10)**
- Q-2.** Classify various hypoglycaemic agents recently being used and their anaesthetic considerations. Describe preoperative evaluation, risk stratification, optimisation and anaesthetic management of 55-year-old patient who is diabetic since last 20 years, posted for total knee arthroplasty. **(10)**
- Q-3.** What are post operative pulmonary complications (PPC) after prolonged general anaesthesia. Discuss preoperative optimisation and perioperative management in patient posted for lobectomy. **(5+5=10)**
- Q-4.** **Short notes on: -** **(5+5=10)**
A. Hyponatremia in ICU
B. Dynamic indices of fluid resuscitation
- Q-5.** Discuss anaesthetic management for awake craniotomy for seizure surgery. **(10)**

- Q-6. Discuss briefly: - (5+5=10)**
- A. Prophylaxis and management of DVT
 - B. Risk assessment in emergency/ urgent surgeries
- Q-7. Write notes on: - (5+5=10)**
- A. Anaesthetic implications in gastroenterological interventions outside operation room.
 - B. POCUS for anaesthesiologists.
- Q-8. Define “end of Life” care. What are the various components. What are the criteria of Euthanasia and DNI/ DNAR guidelines. (2+5+3=10)**
- Q-9. Write notes on:- (5+5=10)**
- A. clinical and confirmatory tests of brain death
 - B. myocardial protection during CPB.
- Q-10. Write briefly on: - (2+3+5=10)**
- A. Burnout among anaesthesiologists.
 - B. Remifentanil in current clinical practice.
 - C. Role of Non-invasive ventilation in current clinical practice
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