

NEET SS 2024 Diploma Anaesthesiology Question Paper 3

Time Allowed :3 Hours | Maximum Marks :100 | Total Questions :10

General Instructions

Read the following instructions very carefully and strictly follow them:

1. The test is of 3 hours duration.
2. The question paper consists of 10 questions. The maximum marks are 100.
3. Each Question is of 10 marks.

Q1. a) Role of Ultrasonography (USG) in airway assessment. [5]

Q1. b) Discuss use of vasopressors in septic shock as per surviving sepsis campaign guidelines. [5]

Q2. a) Define brain death. Enumerate the steps to diagnose brain death. [2+4]

Q2. b) Anaesthetic management of brain dead for organ retrieval. [4]

Q3. a) Different roles of Magnesium in Anaesthesiology. [5]

Q3. b) Segmental spinal anaesthesia. [5]

Q4. a) Discuss accidental awareness during anaesthesia, and its prevention. [5]

Q4. b) Advantages and disadvantages of colloids intravenous (IV) fluids. [5]

Q5. a) Cardiopulmonary Resuscitation (CPR) in a hypothermic patient in cardiac arrest. [5]

Q5. b) Etomidate. [5]

Q6. a) Opioid free anaesthesia. [5]

Q6. b) Enumerate the causes and discuss the management of a patient in Type I respiratory failure. [2+3]

Q7. Enumerate modalities available for pain relief during labor. How will you conduct labor analgesia for a 32-year-old female in true labor, with 2 cm os dilation and 50% effacement of cervix, who has presented to the labor room and demands analgesia? Enumerate possible complications. [3+5+2]

Q8. Classify supraglottic airway devices (SADs). What are the modifications done in 3rd generation SADs? Enumerate the possible complications associated with use of SADs. [3+4+3]

Q9. a) WHO ladder for pain management. [5]

Q9. b) Drug dose modification in obese patients. [5]