

GENERAL SURGERY

PAPER – I

SURG/J/17/12/I

Time : 3 hours

Max. Marks : 100

Important instructions:

- 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:

1. a) Embryogenesis of thyroglossal fistula. 4+6
b) How would you manage a 4 year old child with subhyoid thyroglossal cyst?
2. a) Enumerate surgical procedures for management of obesity. 2+8
b) What is the mechanism of weight loss after sleeve gastrectomy?
3. a) Enumerate the indications for thromboprophylaxis in surgery. 3+7
b) How would you manage a patient who has undergone coronary bypass surgery, and is on anti-platelets & aspirin and is to undergo laparoscopic cholecystectomy?
4. a) List the criteria for a good research topic for postgraduate thesis. 6+2+2
b) Method of calculation of sample size for a therapeutic trial.
c) What is meant by 'strength of evidence' and 'quality of evidence' in a clinical trial?
5. a) Classify skin flaps. 5+5
b) Various flaps used for reconstruction of breast.
6. a) What is the definition of flail chest? 1+2+7
b) What are the types of flail chest?
c) How would you manage a 40-year-old man with right flail chest involving 6 ribs?
7. a) Anatomical limits of ilio-inguinal block dissection. 5+5
b) Enumerate the complications of ilio-inguinal block dissection.

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8. a) Types of necrotizing skin infections. 3+7
b) How would you manage a 50-year-old man with Fournier's gangrene of scrotum?
9. a) Haematological changes after splenectomy. 4+6
b) How would you manage a 10-year-old child on steroids who is to undergo splenectomy for idiopathic thrombocytopenic purpura?
10. a) Classify the meshes used for repair of hernia. 3+3+4
b) List contraindications for total extraperitoneal laparoscopic repair for inguinal hernia.
c) Enumerate the complications following total extraperitoneal laparoscopic repair for inguinal hernia.
