



**GENERAL SURGERY**

**PAPER – III**

**SURG/J/14/12/III**

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.

1. Describe briefly the surgical anatomy and physiology of venous return of the lower limb. Enumerate treatment options with their indications for treating varicose veins of lower limb. 5+5
2. Classify lymphedema. List the symptoms frequently experienced by patients with this problem. Enumerate general management advice for these patients. 5+2+3
3. Describe the pathophysiology of peritoneal adhesions. Discuss briefly various steps to minimize and manage peritoneal adhesions. 4+6
4. Describe the 'lower esophageal sphincter'. Briefly discuss the investigations to evaluate its function. 3+7
5. Describe the blood supply of stomach. Discuss the management of bleeding peptic ulcer. 3+7
6. How will you investigate and treat a case of chronic limb ischaemia? 4+6
7. List comorbidities associated with obesity which can be relieved by surgically induced weight loss. Briefly describe selection criteria and pre-operative nutrition screening for obesity surgery. 3+(4+3)
8. Describe segmental anatomy of liver. What are the principles of surgical resection of liver tumor? 5+5
9. List causes of acute pancreatitis. Enumerate methods for diagnosing and prognosticating acute pancreatitis. Briefly describe pancreatic necrosectomy. 2+3+5
10. Describe in short aetiopathology and clinical features of pilonidal sinus. Write the principles of its management. (3+3)+4