

**DETAILED SYLLABUS FOR THE POST OF  
ASSISTANT PROFESSOR (SURGICAL  
GASTROENTEROLOGY) ( MEDICAL  
EDUCATION)**

**(Cat.No. : 339/2023)**

**Module I**

**Surgical Anatomy**

**Marks -10**

- i) Caudate lobe (2)
- ii) Oesophagus (2)
- iii) Lymphatics of stomach (2)
- iv) Anorectal sphincter (2)
- v) Pancreatobiliary Junction and Congenital anomalies (2)

**Module II**

**Physiology**

**Marks - 5**

- i) Oesophageal Manometry (3)
- ii) Mechanism of Anal continence (2)

**Module III**

**Critical Care**

**Marks - 15**

- i) Principles of oxygen therapy (2)
- ii) Principles of Mechanical ventilation (10)
- iii) Blood gas analysis (3)

**Module IV**

**Transfusion Practices**

**Marks-5**

- i) Blood component therapy (2)
- ii) Thromboelastography (3)

**Module V**

**Research Methodology**

**Marks- 10**

- i) Principles of Manuscript writing (3)
- ii) Medical Journal Authorship (2)
- iii) Principles of Clinical Trials (3)
- iv) Tests of significance (2)



## **Module VI.**

### **Medical Ethics .**

**Marks- 10**

- i) Principles of Informed consent (4)
- ii) Patient Privacy (3)
- iii) Professional Etiquette (3)

## **Module VII**

### **Benign Diseases**

**Marks - 10**

- iv) Chronic Pancreatitis (4)
- v) Gallstone Disease (3)
- vi) Inflammatory bowel Disease (3)

## **Module VIII**

### **Malignant Diseases.**

**Marks – 15**

- i) Pancreas. (3)
- ii) Stomach, oesophagus. (3)
- iii) Liver (3)
- iv) Colorectal (3)
- v) Stromal tumours/Neuroendocrine tumours (3)

## **Module IX**

### **Premalignant Diseases**

**Marks-10**

- i) Familial polyposis coli (4)
- ii) Cystic tumours of pancreas (3)
- iii) Biliary cystadenoma. (3)

## **Module X**

### **Organ Transplantation and Recent advances**

**Marks 10**

- i) Brain Death & Organ allocation. (3)
- ii) Early and Late complications of Liver transplant. (4)
- iii) Energy Devices. (3)

**NOTE: - It may be noted that apart from the topics detailed above, questions from other topics prescribed for the educational qualification of the post may also appear in the question paper. There is no undertaking that all the topics above may be covered in the question paper.**