

**DETAILED SYLLABUS FOR THE POST OF ASSISTANT PROFESSOR
(SURGICAL GASTROENTEROLOGY) (MEDICAL EDUCATION)
(TOTAL 100 MARKS)**

Module I	
Surgical Anatomy	Marks -10
1. Caudate lobe	(2)
2. Oesophagus	(2)
3. Lymphatics of stomach	(2)
4. Anorectal sphincter	(2)
5. Pancreatobiliary Junction and Congenital anomalies	(2)
Module II	
Physioio	Marks – 5
1. Oesophageal Manometry	(3)
2. Mechanism of Anal continence	(2)
Module III	
Critical Care	Marks - 15
1. Principles of oxygen therapy	(2)
2. Principles of Mechanical ventilation	(10)
3. Blood gas analysis	(3)
Module IV	
Transfusion Practices	Marks - 5
1. Blood component therapy	(2)
2. Thromboelastography	(3)
Module V	
Research Methodology	Marks - 10
1. Principles of Manuscript writing	(3)

2. Medical Journal Authorship	(2)
3. Principles of Clinical Trials	(3)
4. Tests of significance	(2)
Module VI	
Medical Ethics	Marks - 10
1. Principles of Informed consent	(4)
2. Patient Privacy	(3)
3. Professional Etiquette	(3)
Module VII	
Benign Diseases	Marks - 10
1. Chronic Pancreatitis	(4)
2. Gallstone Disease	(3)
3. Inflammatory bowel Disease	(3)
Module VIII	
Malignant Diseases.	Marks - 15
1. Pancreas.	(3)
2. Stomach, oesophagus.	(3)
3. Liver	(3)
4. Colorectal	(3)
5. Stromal tumours / Neuroendocrine tumours	(3)
Module IX	
Premalignant Diseases	Marks-10
1. Familial polyposis coli	(4)
2. Cystic tumours of pancreas	(3)
3. Biliary cystadenoma	(3)
Module X	
Organ Transplantation and Recent advances	Marks-10
1. Brain Death & Organ allocation.	(3)

2. Early and Late complications of Liver transplant,	(4)
3. 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
