

(LJ 052)

AUGUST 2016

Sub. Code:1751

**M.Ch. – SURGICAL GASTROENTEROLOGY AND PROCTOLOGY**  
**Paper I – BASIC SCIENCES AS APPLIED TO GASTROENTEROLOGY**

*Q.P.Code: 181751*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss the nutritional assessment of surgical patients and principles and advantages of enteral nutrition.
2. Discuss the pathophysiology of normal Gastroduodenal motility and gastroparesis and in detail about management of gastroparesis.

**II. Write notes on:**

**(10 x 7 = 70)**

1. ECMO (Extra corporeal membrane oxygenation).
2. Nesidioblastosis.
3. Neutropenic colitis.
4. Immuno nutrition.
5. Cytokines in GI disorders.
6. MRSA.
7. Gut induced sepsis.
8. PEEP (Positive End Expiratory Pressure).
9. Chimerism.
10. Pathophysiology of pain in Chronic pancreatitis.

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