

[LB 206]

OCTOBER 2012

Sub. Code: 2214

**M.S. DEGREE EXAMINATION  
BRANCH I – GENERAL SURGERY  
APPLIED BASIC SCIENCES IN GENERAL SURGERY**

**Q.P. Code: 222214**

**Time: 3 hours  
(180 Min)**

**Maximum : 100 marks**

**Answer ALL questions in the same order.**

<b>I. Anatomy</b>	<b>Pages (Max.)</b>	<b>Time (Max.)</b>	<b>Marks (Max.)</b>
1. Layers of scalp.	3	9	5
2. Anal sphincters	3	9	5
3. Perforating veins of lower limb	3	9	5
4. Thyroglossal duct	3	9	5
<b>II. Physiology:</b>			
1. Secretion and functions of Bile.	3	9	5
2. Functions of adrenal gland	3	9	5
3. Factors influencing wound healing	3	9	5
4. Peptides and neuropeptides in the stomach	3	9	5
<b>III. Biochemistry:</b>			
1. Metabolic changes in obesity	3	9	5
2. Tumour markers and its importance .	3	9	5
3. Role of cellulose	3	9	5
<b>IV. Pharmacology:</b>			
1. Neo adjuvant chemotherapy	3	9	5
2. Antibiotics for surgical prophylaxis	3	9	5
3. Tamoxifen – Action and Adverse reaction	3	9	5
<b>V. Micro Biology:</b>			
1. Bacteria involved in surgical infections	3	9	5
2. Echino coccus	3	9	5
3. Leprosy – types and lab diagnosis	3	9	5
<b>VI. Pathology:</b>			
1. Cytology and its applications.	3	9	5
2. Pathology of Haemorrhage	3	9	5
3. Pathology in Pyoderma gangrenosum	3	9	5

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