

[LF 105]

OCTOBER 2014

Sub. Code: 2000

**M.D. DEGREE EXAMINATION
BRANCH I – GENERAL MEDICINE**

PAPER I - APPLIED BASIC SCIENCES IN GENERAL MEDICINE

Q.P. Code: 202000

Time: Three Hours

Maximum: 100 marks

Write Notes on:

I. ANATOMY:

(4 x 5 = 20)

1. Lymphatic drainage of Lung.
2. Extra ocular muscles and actions.
3. Development of spleen.
4. Recurrent laryngeal nerve lesions.

II. PHYSIOLOGY:

(4 x 5 = 20)

1. Exocrine functions of pancreas.
2. Metabolic acidosis.
3. Erythropoiesis.
4. Sleep disorders.

III. BIO-CHEMISTRY:

(3 x 5 = 15)

1. Uric acid metabolism.
2. Thyroid function tests.
3. Urine tests for inborn errors of metabolism.

IV. PHARMACOLOGY:

(3 x 5 = 15)

1. Insulin degludec.
2. Newer antimalarials.
3. H1 blockers.

V. PATHOLOGY:

(3 x 5 = 15)

1. Primary intracranial tumours.
2. Restrictive cardiomyopathy.
3. Ulcerative colitis.

VI. MICROBIOLOGY:

(3 x 5 = 15)

1. Serological diagnosis of ebola.
2. Laboratory tests for atypical mycobacteria.
3. Transport media.
