



[LG 502]

FEBRUARY 2015

Sub. Code : 4053

**FIRST M.B.B.S. DEGREE EXAMINATION
PAPER III – PHYSIOLOGY INCLUDING BIO-PHYSICS - I**

Q. P. Code: 524053

Time: Three Hours

Maximum: 50 Marks

Answer **ALL** questions

I. Elaborate on:

(1 x 10 = 10)

1. Describe the synthesis, storage, release, functions and regulation of secretion of thyroid hormone. Add a note on hypothyroidism.

II. Write Notes on:

(2 x 5 = 10)

1. Give an account on micturition.
2. Classify the blood groups and indications and complications of blood transfusion.

III. Short Answers on:

(10 x 3 = 30)

1. Fetoplacental unit.
2. Importance of dietary fibres.
3. Neuromuscular transmission.
4. ESR-clinical significance.
5. Movements of small intestine.
6. Diabetes Insipidus.
7. Red cell indices.
8. Extracellular edema.
9. Functions of Sertoli cells.
10. Tests for ovulation.
