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[LF 502] NOVEMBER 2014 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. Essay: **(1 x 10 = 10)**

1. Define anemia. Classify them. List the important investigations to confirm the various types of anemia.

II. Write Notes on: **(2 x 5 = 10)**

1. Transport across cell membrane.
2. Ovarian and endometrial changes of menstrual cycle.

III. Short Answers on: **(10 x 3 = 30)**

1. Functions of plasma proteins.
2. Non-excretory functions of kidney.
3. Myasthenis gravis.
4. Stages of spermatogenesis.
5. Cystometrogram and its significance.
6. Hormones regulating calcium homeostasis.
7. Enterohepatic circulation.
8. Enzymes involved in digestion of fat.
9. Structure of platelets.
10. Functions of saliva.

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