

QP Code:101103

Reg.No.:..... .

**PG Degree Examinations in Biochemistry (MD) - May 2013**

**Paper I- General Biochemistry, Enzymes & Biostatistics**

**Time: 3 hrs**

**Max marks:100**

- *Answer all questions*
- *Draw diagrams wherever necessary*

**Essays:**

**(20)**

1. Define enzymes. Classify enzymes according to IUB system with one example each. Mention three enzymes commonly estimated after myocardial infarction.

**Short essays:**

**(10x8=80)**

2. What are phospholipids. Describe the classification and functions of phospholipids
3. Ion channels in biological cell membrane
4. Five functions of prostaglandins
5. Haemoglobin variants
6. Flame photometry
7. Functional classification of proteins. Enumerate essential amino acids
8. Name disaccharide unit, location and one function of any five glycosaminoglycans.
9. Describe five functions of a globulins

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