

# **2010 Scheme**

**Q.P. Code 106001**

**Reg. No.:.....**

## **First Professional MBBS Degree Supplementary Examinations February 2023**

### **Biochemistry - Paper II**

**Time: 3 hrs**

**Max marks: 50**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

#### **Essay (10)**

1. Explain the steps of Transcription in Eukaryotes with a note on inhibitors of transcription. (8+2)

#### **Short essays (2x5=10)**

2. Metabolic acidosis
3. Electrophoresis.

#### **Short notes (5x3=15)**

4. Beri Beri
5. Gene Therapy.
6. Salvage pathway
7. Iron deficiency Anemia
8. tRNA

#### **Answer briefly (5x2=10)**

9. FIGLU excretion Test
10. Creatinine Clearance
11. Name two tumour markers with Clinical condition associated
12. Isoenzymes as Cardiac Markers
13. Vandenberg Test

#### **Give precise answers (5x1=5)**

14. Give RDA for i) Vitamin D ii) Folic Acid
15. Normal plasma levels of (a) sodium (b) potassium
16. Name two Acute phase proteins
17. Name two post translational modifications
18. Functions of IgA

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