

## 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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