

2010 Scheme

Q.P. Code 106001

Reg. No.:.....

First Professional MBBS Degree Supplementary Examinations June 2026

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. Give a detailed account of the Eukaryotic transcription process. How is it regulated.
Name the inhibitors of transcription

Short essays (2x5=10)

2. Explain the regulation of calcium in the blood
3. Define and classify porphyrias. Add a note on acute intermittent porphyria

Short notes (5x3=15)

4. Functions of copper
5. Deficiency manifestations of Vitamin A
6. Define mutation with any two examples
7. What are proto-oncogenes. Give any two examples
8. Define acute phase proteins with an example

Answer briefly (5x2=10)

9. How is aspirin detoxified
10. Henderson Hassel Balch Equation
11. Latent jaundice
12. Functions of plasma protein
13. Pellagra

Give precise answers (5x1=5)

14. Base absent in DNA
15. Coenzymes of riboflavin
16. Alkali reserve of plasma
17. Immunoglobulin increased in allergies
18. RNA molecules with enzyme activity
