



## 2010 Scheme

Q.P. Code 106001

Reg. No.:.....

First Professional MBBS Degree Supplementary Examinations  
September 2021

### 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. Describe the sources, RDA, functions and deficiency manifestations of ascorbic acid. (2+1+5+2)

#### Short essays

(2x5=10)

2. Detoxification by conjugation
3. Plasma proteins and its functions

#### Short notes

(5x3=15)

4. Vitamins with antioxidant function
5. State factors affecting calcium absorption
6. Clinical applications of tumor markers
7. List the cardiac markers
8. Post translational modifications

#### Answer briefly

(5x2=10)

9. Applications of radioisotopes in medicine
10. Wilson's disease
11. Causes of mutations
12. Folic acid antagonists
13. Biochemical functions of selenium

#### Give precise answers

(5x1=5)

14. Normal value of anion gap
15. Name two oncogenic viruses
16. Normal level of serum uric acid
17. Coenzyme form of pantothenic acid
18. Promoter region

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