

BIOCHEMISTRY**QP Code: 2505**

Your answers should be specific to the questions asked.

Draw neat, **labeled diagrams wherever necessary.****LONG ESSAY****2 X 10 = 20 Marks**

1. What are enzymes? Explain the various factors which can affect the activity of an enzyme.
2. Give an account of chemistry, source, RDA, biochemical functions and deficiency disorders of Vitamin A.

SHORT ESSAY (Answer any eight)**8 X 5 = 40 Marks**

3. BMR
4. Digestion and absorption of Lipids
5. Diabetes mellitus
6. Folic acid
7. Electrophoresis
8. Prostaglandins
9. Porphyrias
10. Transcription
11. Balanced diet
12. Basal metabolic rate

SHORT ANSWERS**10 X 2 = 20 Marks**

13. Methylmalonic Aciduria
14. Name the aromatic amino acids.
15. Name two inhibitors of protein synthesis.
16. Sickle cell anemia
17. Rothera's test
18. Detoxification of Benzoic acid
19. Define Anapleurosis. Give an example.
20. Glycogen
21. Pellagra
22. Surfactant

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