



LONG ESSAYS FirstRanker's choice

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1. Explain the term Enzymes. Give an account of substrate concentration, PH and temperature on enzyme activity.
2. Describe the reactions as to how acetyl coA is oxidized? Give the energy yield.

SHORT ESSAYS

10 X 5 = 50 Marks

3. Renal clearance test.
4. Balanced diet
5. Glutathione
6. Replication of DNA
7. Functions of serum calcium.
8. Denaturation of proteins.
9. Metabolic acidosis.
10. Biologically important peptides.
11. Essential fatty acids and their importance.
12. Glycogen storage disease.

Multiple Choice Questions

10 X 1 = 10 Marks

13. Glycosaminoglycans are
 - a) Disaccharides
 - b) Homoglycans
 - c) Heteroglycans
 - d) None of the above
14. Following are pentameric immunoglobulin
 - a) IgG
 - b) IgM
 - c) IgE
 - d) IgD
15. Increased prothrombin time is observed in the deficiency of
 - a) Vitamin K
 - b) Vitamin B
 - c) Vitamin A
 - d) Vitamin B₁₂
16. Iron in heme is linked to globin through
 - a) Histidine
 - b) Arginine
 - c) Glycine
 - d) Cysteine





- a) Creatinine
- b) Uric acid
- c) FirstRanker's choice
- d) Ammonia

19. Normal pH of the blood is
- a) 7.0
 - b) 7.2
 - c) 7.4
 - d) 7.6
20. In prolonged starvation, the main energy source of brain is
- a) Glucose
 - b) Ketone bodies
 - c) Fructose
 - d) Fatty acids
21. Formation of Okazaki fragments occur in the process of
- a) Transcription
 - b) Translation
 - c) Replication
 - d) Reverse transcription
22. All of the following are sphingolipids except
- a) Sphingomyelin
 - b) Cerebroside
 - c) Phosphatidylinositol
 - d) Ganglioside

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