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4495

Reg. No. :

Name :

First Professional B.S.M.S. Degree Examination, August 2009
BIOCHEMISTRY
Uyir Vedhiyal

Time : 3 Hours

Max. Marks : 100

PART – A
SECTION – A
(Brief Answers)

1. Osazone formation.
2. Rancidity.
3. Denaturation.
4. Isoenzymes.
5. Redox Potential.
6. Bile salts.
7. Inhibitors of Purine Synthesis.
8. Thalasseмииas.
9. Types of Detoxification reactions.
10. Metabolic acidosis.
11. Fibre in Nutrition.
12. Glomerular filtration rate.
13. Multiple Myeloma.
14. Normal value of Aspartate transaminase in serum.
15. Immunoglobulin A.

(15×2=30 Marks)

SECTION – B
(Descriptive Answers)

16. Give an account of Glycolysis.
17. Biosynthesis of fatty acids.

(2×10=20 Marks)

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PART – B

Short notes :

18. Replication of DNA.
19. DNA probes.
20. Human Genome Project.
21. Biochemical functions of Pyridoxine.
22. Biosynthesis of Thyroid hormones.
23. Biochemical functions of Sulphur.
24. Structure of Prostaglandins.
25. Tumor markers.
26. Drugs for the treatment of AIDS.
27. Inborn errors of phenyl alanine and tyrosine metabolism.

(10×5=50 Marks)

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