

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - I Degree Examination - January 2009

Time : 3 Hrs.

[Max. Marks : 100]

BIOCHEMISTRY (Revised Scheme)

QP Code: 1055

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

LONG ESSAY

2 X 9 = 18 Marks

1. Describe the components of electron transport chain. Write a note on uncouplers & inhibitors
2. What are plasma proteins? Write a note on their separation & functions

SHORT ESSAY

10 X 5 = 50 Marks

3. Gluconeogenesis
4. Active form of vit D & its biochemical role
5. Fatty liver & Lipotropic factors
6. Catabolism of haemoglobin
7. Diagnostic importance of enzymes
8. Role of lungs in pH maintenance
9. Creatinine Clearance Test
10. Recombinant DNA technology
11. Salvage pathway of purine metabolism
12. Protein energy malnutrition

SHORT ANSWERS

16 X 2 = 32 Marks

13. Zymogen
14. Bile salts
15. Lactose intolerance
16. Normal levels of calcium & phosphorus
17. Bence Jones Protein
18. Biochemical findings in obstructive Jaundice
19. Sickle cell anemia
20. Functions of selenium
21. Name two copper containing enzymes
22. Essential fatty acids
23. Ketone bodies
24. Ferritin
25. Vitamin antagonists
26. Endocytosis
27. Km value
28. Coenzyme form of Niacin & Folic acid
