

Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharm-D Examination - 02-Jun-2023

Time: Three Hours

Max. Marks: 70

MEDICINAL BIOCHEMISTRY (RS & RS-2)

Q.P. CODE: 2853

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

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Explain factors affecting enzyme activity and add a note on enzyme properties.
2. Elaborate the Gluconeogenesis
3. Write briefly about the catabolism of aminoacids

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Explain about cell and its biochemical organization
5. Write about glycogen storage diseases
6. Elaborate on ketogenesis and ketolysis
7. Describe the components of electron transport chain.
8. Write about immunochemical techniques
9. Describe about HMP shunt
10. Elaborate briefly about urinary tract calculi
11. Describe about electrolytes and its distribution

SHORT ANSWERS

10 x 2 = 20 Marks

12. Define enzyme inhibition
13. Explain about Biomolecules
14. Classify the lipids with examples
15. Write about urine concentration test
16. Define glycogenolysis
17. What are Porphoria?
18. Explain about fatty liver
19. Write about HDL, LDL and VLDL cholesterol
20. Explain the jaundice
21. What is Gout?
