



Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (MLT) Degree Examination - APRIL-2019

Time: Three Hours

Max. Marks: 80 Marks

Biochemistry – Paper II (RS-3 Scheme)

Q.P. CODE: 3156

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAY (Any Two)

2 x 10 = 20 Marks

1. Renal function tests
2. Glycogen metabolism
3. Give a detailed account of chemistry, source, RDA, functions and deficiency disorders of Thiamine.

SHORT ESSAY (Any Six)

6 x 5 = 30 Marks

4. Spectrophotometry
5. Oral Glucose Tolerance Test (OGTT)
6. Catabolism of branched chain amino acids
7. RNA
8. Enzyme inhibition
9. Protein free filtrate
10. Digestion and absorption of carbohydrates
11. Transport of ammonia

SHORT ANSWERS (Any Ten)

10 x 3 = 30 Marks

12. Km value of an enzyme and its significance
13. Importance of buffer solution
14. Disaccharides
15. Normal levels of serum creatinine, urea and uric acid
16. Lactose
17. Xanthoproteic test
18. Scurvy
19. Benedict's test
20. Coenzymes
21. End point reactions
22. Lesch Nyhan syndrome
23. Gout
