

upload_c58faa581e80e3eb306001bae61aa92c.doc

Rajiv Gandhi University of Health Sciences, Karnataka
III year B.Sc. (M.L.T) Degree Examination – Aug 2013

Time: Three Hours

Max. Marks: 80 Marks

BIOCHEMISTRY – III (Revised Scheme)

Q.P. CODE: 1611

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. Describe the sources, daily, requirement, absorption, biochemical functions and deficiency manifestations of iron
2. Describe urea cycle. Add a note on its disorders
3. Enumerate liver function tests and describe in detail any two of them with clinical significance

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Derive Henderson – Hasselbach equation
5. Explain basic clinical importance of enzymology. Add a note on isoenzyme
6. Creatinine clearance test
7. What is metabolic acidosis? Enumerate its causes
8. Transamination
9. Errors in Laboratory test
10. Composition and functions of gastric juice
11. Automation
12. Units of radio activity & radiation hazards
13. Pentagastrin stimulation test

SHORT ANSWERS

10 x 2 = 20 Marks

14. Accuracy
15. Precision
16. What is titrable acidity of urine
17. Bile pigments
18. List any three trace elements
19. Function of phosphorous
20. Bromosulphthalein test
21. Sources of calcium in nutrition
22. Acid phosphatase
23. Mention the normal levels of (A) Potassium & (B) Sodium
