

Rajiv Gandhi University of Health Sciences, Karnataka
M.D. Degree Examination - MAY-2018

Time: Three Hours

Max. Marks: 100 Marks

Biochemistry- PAPER - IV
Clinical Biochemistry
Q. P. CODE: 7318

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

Answer all the questions

10 x 10 = 100 Marks

1. Explain various types of porphyrias. Add a note on the biochemical tests available to evaluate the same.
2. Explain the metabolism of catecholamines. Add a note on vanillyl mandelic acid estimation.
3. Explain the formation, tests and interpretation of glycated haemoglobin.
4. Discuss lipid profile in diabetes mellitus.
5. Chemical composition of cerebrospinal fluid (CSF) in various diseases.
6. Biochemical investigations in nephrotic syndrome.
7. Mechanism of action of steroid hormones.
8. Explain the causes and classify various types of jaundice.
9. Pancreatic function tests.
10. Mucopolysaccharoidoses.

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