

Rajiv Gandhi University of Health Sciences, Karnataka
M.D. Degree Examination – 18-Nov-2019

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. What are tumor markers? Write a note on their classification and clinical significance.
2. Functions of albumin and consequence associated when albumin levels are deranged in blood.
3. Laboratory diagnosis of Thyroid dysfunction.
4. Evaluation of Hypokalemia.
5. Glycogen storage disorders.
6. Systemic error and Random error in clinical laboratory.
7. Factors to be considered while planning laboratory automation.
8. Write briefly on Chemistry, clinical significance and methods of estimation of Glycated hemoglobins.
9. What are the tests to assess the function of the liver?
10. Significance of urine analysis in:
 - Diabetes mellitus
 - Acute kidney injury
 - Chronic renal failure
 - Acute trauma
 - Hepatitis
