

151-NR

M.D. DEGREE EXAMINATION – OCTOBER, 2013

BIOCHEMISTRY

Paper-IV : Clinical Biochemistry

Time: 3 Hours

Max. Marks:100

Note: Answer all questions

All questions carry equal marks

WRITE SHORT ESSAYS ON THE FOLLOWING:

1. What is HbA_{1c}? Give its clinical importance.
2. Define clearance. How it is estimated? What is its diagnostic importance?
3. ADA criteria of diagnosis of Diabetes Mellitus.
4. Reproducibility, accuracy and precision.
5. National Cholesterol Education Programme criteria for diagnosis of lipoprotein disorders.
6. Clinical interpretation of ALP and ALT with respect to liver function.
7. Describe two tests to estimate increased risk of cardiovascular disease.
8. What is renal clearance? How Creatinine clearance is superior to urea clearance?
9. What is metabolic acidosis? Name two pathological conditions which lead to metabolic acidosis.
10. Five therapeutic applications of radioisotopes.

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