

151-NR

M.D. DEGREE EXAMINATION – APRIL, 2015

BIOCHEMISTRY

Paper-IV : Clinical Biochemistry

Time: 3 Hours

Max. Marks:100

Note: Answer all questions

All questions carry equal marks

Draw neat diagrams wherever necessary

---

WRITE SHORT ESSAYS ON THE FOLLOWING:

- 1) Diagnostic importance of Alkaline phosphatase isoenzymes
- 2) Role of Lipoprotein a [Lp(a)] in Atherosclerosis
- 3) Explain any four thyroid function tests
- 4) Pre and post dialysis lab tests in renal failure
- 5) Tumor markers
- 6) Causes and features of Hypo and Hypercalcemia
- 7) Urine screening tests for inborn errors of metabolism
- 8) Monoclonal antibodies
- 9) Prenatal diagnosis of genetic disorders
- 10) Lab evaluation of infertility in female

---