

[LB 1012]

OCTOBER 2012
M.Sc NON-MEDICAL DEGREE EXAMINATION
FINAL YEAR
BRANCH III - BIOCHEMISTRY
PAPER III – CLINICAL BIOCHEMISTRY
Q.P. Code : 282968

Sub. Code: 2968

Time : 3 hours
(180 Min)

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

	Pages	Time	Marks
	(Max.)	(Max.)	(Max.)
1. Detail the liver function tests and its application in clinical diagnosis?	17	40	20
2. What is electrophoresis? Detail the methods and its significance in clinical diagnosis?	17	40	20

II. Write Notes on :

1. Application of standardization in a laboratory.	4	10	6
2. Various preservatives used in clinical laboratory.	4	10	6
3. Glycated hemoglobin[HbA1c].	4	10	6
4. Effect of insulin on lipid metabolism.	4	10	6
5. Estimation of alkaline phosphatase and its significance.	4	10	6
6. Cerebrospinal fluid analysis.	4	10	6
7. Gonadal hormones and its function.	4	10	6
8. Principle and application of ion selective electrode.	4	10	6
9. Iron absorption and its function.	4	10	6
10. Tests used for diagnosis of myocardial infarction.	4	10	6
