

**B.Sc. MEDICAL LABORATORY TECHNOLOGY
THIRD YEAR
PAPER II – BIOCHEMISTRY – II**

Q.P. Code: 725032

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Write an essay on competitive immunoassay.
2. Write in detail about lipoprotein, types and their transport.
3. Explain about the recombinant DNA technology.

II. Write notes on:

(8 x 5 = 40)

1. Write the synthesis of bile salts.
2. State the structure of DNA.
3. Give short notes on Bence Jones proteins.
4. Blood gas analyzer.
5. Give an account on PSA.
6. What are Liver function tests? Explain.
7. What are the basic methods of automation?
8. Galactosemia.

III. Short answers on:

(10 x 3 = 30)

1. What is SGOT?
2. Write the estimation of ALP.
3. GFR.
4. Give notes on Fructose intolerance.
5. What is Hypercholesterolemia?
6. State some inborn errors.
7. State about the action of DNA polymerase.
8. Multiple myeloma.
9. Write the estimation of bilirubin.
10. What are Exons?
