

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. Discuss on the process of DNA replication.
2. What are the inborn errors of protein metabolism?
3. How will you perform liver function test?

II. Write notes on:

(8 x 5 = 40)

1. Gastric function tests.
2. Genetic code.
3. Structure of RNA.
4. Post translational modifications.
5. High density lipoprotein metabolism and its clinical significance.
6. Etiology of cancer.
7. Galactosemia.
8. Estimation of protein.

III. Short answers on:

(10 x 3 = 30)

1. Carcinogens.
2. Cystic fibrosis.
3. What are tumour markers? Give examples.
4. Southern blotting.
5. Urobilinogen.
6. Alpha feto protein.
7. Arterial Blood Gas analysis.
8. Glomerular filtration rate.
9. Alkaline phosphatase.
10. Bad cholesterol.
