

[LF 0212]

AUGUST 2014

Sub. Code: 5032

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. Explain Liver Function test.
2. Describe about Transcription.
3. Give an account on metabolism of lipoprotein.

II. Write notes on:

(8 x 5 = 40)

1. Structure of DNA.
2. Cell Cycle.
3. Operon hypothesis.
4. Inhibitors of Protein Synthesis.
5. Etiology of Cancer.
6. Basic methods of automation.
7. Genetic Code.
8. Cystic Fibrosis.

III. Short notes on:

(10 x 3 = 30)

1. Multiple myeloma.
2. Fructose Intolerance.
3. Organic aciduria.
4. Galactosemia.
5. Mutagens.
6. Bile pigments.
7. Oncogene.
8. Lipoprotein.
9. Introns.
10. Automation.
