

**B.Sc. IN MEDICAL LABORATORY
TECHNOLOGY (BMLT)**

Term-End Examination

June, 2016

00136

**BAHI-012 : ORGANIZATION LABORATORY
MANAGEMENT AND APPLIED BIOCHEMISTRY**

Time : 3 hours

Maximum Marks : 70

Note : Attempt any five questions. Question no. 6 is compulsory.

1. You are in charge of a laboratory with students posted under you. Explain how you would advise them regarding
 - (a) personal protective clothing,
 - (b) protective inoculations.

5+5=10
2. Discuss how total serum protein is estimated. Explain the procedure and give the normal value.

2+6+2=10
3. Describe where fibrinogen is synthesized. Write the procedure for measuring plasma fibrinogen. What is its normal plasma level ?

2+6+2=10

4. Define Automation. Write the advantages and disadvantages of automation. What are dry chemistry analysers ? $2+5+3=10$
5. Define TFT (Thyroid Function Test). Describe in detail the principle and procedures for testing TFT by Automation Techniques. $2+3+5=10$
6. Write short notes on any *five* of the following : $5 \times 6 = 30$
- (a) Semi-auto analysers
 - (b) Personal care to be observed in the laboratory
 - (c) Non-functional enzymes
 - (d) Serum protein electrophoresis
 - (e) Acid-base balance
 - (f) Chromatography
 - (g) Factors influencing enzyme activity
 - (h) Tumour markers
-