

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

Term-End Examination

December, 2017

BAHI-001 : BASIC HUMAN SCIENCES

Time : 3 hours

Maximum Marks : 70

Note : Attempt any five questions. Q.No. 6 is Compulsory.

1. (a) Enumerate various laboratory hazards. 4+6=10
(b) Mention various safety measures for the prevention of the hazards.

2. Explain the structure and physiology of human cell. Draw well labelled diagram. 10

3. Describe the urinary system with well labelled diagram and write the functions of each part of the system. 5+5=10

4. (a) Define sterilization and mention different methods of moist heat sterilization. 4+6=10
(b) Describe the principle and procedure of autoclaving.

5. Describe the development of myelopoiesis with the help of suitable diagram. 10

6. Write short notes on any five of the following :

5x6=30

- (a) Functions of Kidney
 - (b) Mitotic division of a cell
 - (c) Hot air oven
 - (d) Compound Microscope
 - (e) Nephron
 - (f) Cleaning of used glasswares in laboratory
 - (g) Amylase
-