

P25/P27/HSC120/EE/20160518

Time : 3 Hours

Marks : 80

Instruction :

1. All Questions are Compulsory.
 2. Each Sub-question carry 5 marks.
 3. Each Sub-question should be answered between 75 to 100 words. Write every questions answer on separate page.
 4. Question paper of 80 Marks, it will be converted in to your programme structure marks.
-

1. Solve any **four** sub-questions.
 - a) Define Anatomy. Write scope of Anatomy in MLT program. 5
 - b) Draw and label heart with chambers. 5
 - c) Describe in short Blood and its composition. 5
 - d) Describe preparation of 0.85% Sodium Chloride Solution. 5
 - e) Describe lab services in private and public sector. 5
2. Solve any **four** sub-questions.
 - a) Describe urinary system in short. 5
 - b) Draw and label ovulation, fertilization and implantation. 5
 - c) Describe with figure precession and accuracy. 5
 - d) Describe in short the microscope and its components. 5
 - e) Explain in short laboratory report and three ways of results. 5
3. Solve any **four** sub-questions.
 - a) Describe vertebral column, its parts and their number of bones. 5
 - b) Describe lymph node(gland). 5
 - c) Write lung function tests. 5
 - d) Describe in short categories of biomedical waste. 5
 - e) Describe in short general cleaning procedure for glass-wares. 5

4. Solve any **four** sub-questions.
- a) Write in short organs of digestive system. 5
 - b) Describe liver structure and functions of bile juice. 5
 - c) Enlist any ten 'General Safety Measures'. 5
 - d) Describe three parts of Brain. 5
 - e) Draw block diagram of a computer, label and describe. 5

