

### SECTION-C

**Note:** Long answer type questions. Attempt any three questions. 3x10=30

- Q.3 Explain Male reproductive system in details.
- Q.4 Write a short note on:-
- a) Arteries and Veins
  - b) Chambers of Heart
- Q.5 Describe principle & Procedure of RBC's Count by Neubaur counting chambers.
- Q.6 Explain
- (a) Biopsy
  - (b) Autopsy
- Q.7 Explain Different types of Mountants with their applications.

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**4th Sem. / DELT DMLT**

**Subject : Introduction to MLT-II**

Time : 3 Hrs.

M.M. : 100

### SECTION-A

**Note:** Very Short Answer type questions. Attempt any 15 parts. (15x2=30)

- Q.1
- a) Define Anatomy.
  - b) Name of two anticoagulants.
  - c) Normal value of RBC's in Male & Female.
  - d) Function of WBC's.
  - e) Normal value of blood pH.
  - f) Define Plasma Proteins.
  - g) Expand GTT.
  - h) Define Putrefaction.
  - i) Define resinous Mountants.

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- j) Name of the smallest and largest bone of human body.
- k) Name the Hormones secreted by thyroid gland.
- l) Name any two plasma protein.
- m) Give the examples of Electrolytes.
- n) Name the diseases caused by cornobacterium diphtheria.
- o) Define Veins.
- p) What is the normal length of spinal cord in adults.
- q) Define Reproductive system.
- r) Define Biochemistry.

### SECTION-B

**Note:** Short answer type questions. Attempt any ten parts 10x4=40

- Q.2 i) Explain the procedure of WBC's counts.

- ii) Describe bacteriological examination of Milk?
- iii) Give the function of Thyroid gland.
- iv) Difference between plasma and serum.
- v) Explain lab diagnosis of clostridium.
- vi) Different mode of spread of infection.
- vii) Explain principle of GTT.
- viii) Describe reference values of serum Cholesterol.
- ix) Write any four function of blood.
- x) Describe application of Mountants.
- xi) Explain principle of Microtome.
- xii) Describe staining procedure.
- xiii) Explain lab diagnosis of UTI.
- xiv) What are the various function of Kt.
- xv) What is the principle of plasma protein Estimation.

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