DE-1334
M. Sc. (MLT) (Sem. - I) Examination
March / April – 2016
Pathology - MLT-103

Time : 3 Hours] [Total Marks : 70

Instructions :

(1) Fill up strictly the details of signs on your answer book.

Name of the Examination : M. SC. (MLT) (SEM. - I)
Name of the Subject : PATHOLOGY - MLT-103

(2) Answer should be precise and to the point.
(3) Illustrate your answers with neat diagrams wherever necessary.
(4) Figures to the right indicate full marks.

1. Discuss (any two) 18 (2x9)
   a) Define Neoplasia. Write down the contrasting features of Benign and Malignant tumours.
   b) Enumerate clinical features, pathogenesis and laboratory findings of Sickle Cell Anaemia.
   C) Write in Detail about Semen Analysis.

2. Answer (any three) 18 (3x6)
   a) Pathogenesis of AIDS.
   b) Pregnancy test.
   c) Haemoglobin electrophoresis.
   d) Fatty Liver.
3 SHORT NOTES (any four)

a) CSF findings in Tuberculous meningitis.

b) Sites and indications of Bone Marrow Aspiration.

c) Describe various crystals in urine.

d) Leishman Stain.

e) Cytochemical stains for Leukaemia.

4 ANSWER IN BRIEF (any nine)

a) Agranulocytosis

b) Enumerate bile stained eggs in stool.

c) Causes of Lymphocytosis.

d) Draw Band form and Target cell.

e) Significance of RDW.

f) Virchow's Triad.

g) Define Infarct.

h) Leukemoid Reaction.

i) Define Granuloma with an Example.

j) Name four parasites in blood.