DF-1494

M. Sc. (Sem. III) (Microbiology) Examination
March / April - 2016
MLT - 301 : Instrumentation & Biostatistics

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. (SEM. III) (MICROBIOLOGY)

Name of the Subject :
MLT - 301 : INSTRUMENTATION & BIOSTATISTICS

Subject Code No. : 1 4 9 4

Seat No.:

Student's Signature : Nil

(2) Draw figures whenever necessary.

1. Write in brief: any two

   a) Principle and applications of various types of electrophoresis.
   b) Principle and illumination system of compound microscope.
   c) Principle and Applications of digital pH meter.

2. Write in brief: any two

   a) Principle and applications of various types of centrifuge.
   b) Principle and applications of asbestos and candle filters.
   c) Principle and applications of electron microscopy.

3. Write short notes: any three

   a) Applications of Hot air oven
   b) Applications of PCR
   c) Fumigator for air sterilization
   d) Role of Biostatistics in laboratories
4. Write in one to two sentences: any four

a) What is use of data analysis?
b) What is frequency curve?
c) What is Null hypothesis?
d) What is the significance of p value?
e) What is chi square test?