AD-3239
B. Sc. (Microbiology) (Sem. VI) Examination
March/April – 2015
IDS : Quality Management In Laboratory

Time : Hours] [Total Marks : 50
Instructions :
(1) Fill up strictly the details of signs on your answer book.
Name of the Examination :
B. SC. (MICROBIOLOGY) (SEM. VI)
Name of the Subject :
IDS : QUALITY MANAGEMENT IN LABORATORY
Subject Code No. : 3 2 3 9 – Section No. (1, 2,....) : Nil

(2) Figures to the right indicate full marks of the question.

(3) Draw neat and labeled diagrams whenever necessary.

1. Give specific answers : 12
   (a) Give the role of NCCLS. How to measure zone diameter?
   (b) What is a hematologist? Give their role.
   (c) What is certification? Enlist any two certifications of laboratory.
   (d) Explain term : Compliance audit and its significance.
   (e) Define the term : Deming and quality control.
   (f) Give two differences between audit and accreditation.

2. Attempt any two of the following : 12
   (a) Discuss the Pre and Post analytical phase in quality control programme.
   (b) Elaborate a note on confirmation tests for ESBLs.
   (c) Explain in detail GMP.

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[Contd...
3 Discuss / describe any two of the following:
   (a) Planning and implementation of total quality management programme.
   (b) Elaborate a note on "QC in Mycology"
   (c) Give detail account on ISO for medical laboratories.

4 Write short notes on any two of the following:
   (a) ISO vs NABL
   (b) Component of QCM
   (c) Validation and calibration of instrumentation.

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