AB-3190
Third Year B. Sc. (Medical Technology) (Sem. V)
Examination
March/April – 2015
MT - 11 : Medical Microbiology - 1

Time : Hours] [Total Marks : 50

Instruction :

(1) Fill up strictly the details of signs on your answer book.
Name of the Examination : THIRD YEAR B. SC. (MEDICAL TECHNOLOGY) (SEM. V)
Name of the Subject : MT - 11 : MEDICAL MICROBIOLOGY - 1
Subject Code No. : 3190

(2) Figures to the right indicate full marks.

(3) Draw labeled diagram where necessary.

1 Answer the following briefly : 10
   (a) What are the reasons of drug resistance ?
   (b) Name some antiparasitic antimicrobial agents.
   (c) What are nosocomial infections ?
   (d) Give the role of WHO in disease surveillance.
   (e) What is the causative agent of Pseudomonas colitis ?

2 Comment/Explain the following : (any two) 12
   (a) Cholera is a toxin mediated disease.
   (b) Drug sensitivity test determines the potentiality of antimicrobial drugs.
   (c) Toxins are important virulence factor.
3 Answer any one of the following:

(a) Explain the characteristics of different forms of viral Hepatitis. Explain in detail the causative agent, pathogenesis, epidemiology, prevention and its treatment.

(b) Enlist the mechanisms of antimicrobial drugs. Explain in detail the mechanism of drug resistance.

4 Write notes on any two:

(a) H. pylori infection

(b) Normal flora of Human body

(c) Pathogenesis of Tuberculosis.