AB-3139

B.Sc. (Sem. V) (Microbiology) Examination
March/April – 2015
MB - 15 : Medical Microbiology

Time : 2 Hours] [Total Marks : 50
Instructions :

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

Name of the Examination :
B.SC. (SEM. V) (MICROBIOLOGY)
Name of the Subject :
MB - 15 : MEDICAL MICROBIOLOGY
Subject Code No.: 3 1 3 9 - Section No. (1, 2, 3, 4, 5, 6) NIL

Seat No. :

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

(3) Draw neat and labelled diagrams whenever necessary.

1 Give specific answers :

(a) Enlist four pathogens for malaria.
(b) Name the serotypes and biotypes for Vibrio cholera.
(c) What do you mean by nocturnal periodicity? Name the organisms showing it.
(d) State properties of Mycobacterium tuberculosis that contribute its Pathogenicity.
(e) Write lab diagnosis and treatment for Typhoid fever.
(f) State causative agent of Tetanus disease. Name the toxins produced by it.

2 Explain/comment on any two of the following :

(a) Plague has different modes of transmission.
(b) Hepatitis B: Causative agent, transmission, pathogenesis, symptoms and treatment.
(c) Streptococcal pneumonia is an opportunistic infection.
3 Discuss any two of the following.

(a) Write in detail on: "AIDS".

(b) Discuss causative agent, transmission, pathogenesis, diagnosis and treatment of Bacillary dysentery.

(c) Give detailed account on Influenza with reference to epidemiology, pathogenicity and treatment.

4 Write short notes on any two of the following:

(a) Polio

(b) Staphylococcal skin infection

(c) Life cycle: Malarial parasites.