

B.Sc. (CBCS Pattern) Semester - V
USMBT-09 - Microbiology Paper-I (Medical Microbiology)

P. Pages : 2

Time : Three Hours



GUG/S/23/13105

Max. Marks : 50

Notes : 1. All questions are compulsory and carries equal marks.

1. Explain different types of infections in detail with suitable examples. **10**

OR

a) Write a short note on types of diseases. **2½**

b) Explain Normal flora of skin. **2½**

c) Write a short note on stages of infectious disease. **2½**

d) Explain harmful effect of normal flora. **2½**

2. Explain Sources/Reservoir of infections in detail. **10**

OR

a) Write a short note on causative organism involved in nervous system. **2½**

b) Explain Endogenous sources of infection. **2½**

c) Write a short note on portal of exit of disease. **2½**

d) Write a short note on Mode of transmission of disease. **2½**

3. Explain virulence determining factors in detail. **10**

OR

a) Define invasiveness & factors responsible for it. **2½**

b) Write a short note on endotoxin. **2½**

c) Write a short note on methods of Exaltation. **2½**

d) Define Pathogenicity and virulence and its difference. **2½**

4. Explain epidemiology, Pathogenesis, Laboratory diagnosis, Treatment & Prevention of Dengue virus. **10**

OR

a) Write a short note on Laboratory diagnosis of Hepatitis A. **2½**

- b) Write a short note on Treatment of AIDS. 2½
- c) Explain Epidemiology & treatment of Malaria. 2½
- d) Write down in brief Epidemiology of Candidiasis. 2½

5. Attempt any ten.

- a) Define Toxemia. 1
- b) Define Pandemic. 1
- c) Define Nosocomial infection. 1
- d) Define Vehicle. 1
- e) Give any two example of airborne disease. 1
- f) Define Communicable disease. 1
- g) Define exotoxin. 1
- h) Define Toxoid. 1
- i) Give any two example of live vaccine. 1
- j) Write down full form of HIV. 1
- k) Give example of Causative agent of Tuberculosis. 1
- l) Write down causative agent of Typhoid. 1
