

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

P. Pages : 2

Time : Three Hours



GUG/W/23/13105

Max. Marks : 50

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

1. Explain different stages of infectious diseases. 10
- OR**
- a) Write a short note on normal flora of skin. 2½
- b) Write down difference between acute and chronic infection. 2½
- c) Write a brief note on causative agents of bacteria disease. 2½
- d) Write a note on harmful effect of normal flora. 2½
2. Describe in detail sources of infection. 10
- OR**
- a) Write a brief note on portal of exist. 2½
- b) Write a note on diseases involved in respiratory tract. 2½
- c) Write a note on Trans-placental mode of transmission. 2½
- d) Explain one method used for control of communicable diseases. 2½
3. Explain virulence determining factors in details. 10
- OR**
- a) Write a short note on methods of attenuation. 2½
- b) Write a note on endotoxin. 2½
- c) Explain in brief vaccines & toxoid. 2½
- d) Write a note on invasiveness. 2½
4. Explain Epidemiology, Pathogenesis, Lab diagnosis & treatment of Typhoid. 10
- OR**
- a) Write short note on lab diagnosis of AIDS. 2½
- b) Write in brief epidemiology of Tuberculosis. 2½
- c) Write down Pathogenesis of Candidiasis. 2½
- d) Write a note on treatment & prevention of Dengue virus. 2½

5. Answer any ten.

- a) Define Septicemia. **1**
- b) Define Nosocomial infection. **1**
- c) Name one bacteria involved in normal flora of digestive tract. **1**
- d) Define vehicle. **1**
- e) Give two examples of nervous system diseases. **1**
- f) What is portal of entry. **1**
- g) Define Pathogenicity. **1**
- h) What is Exaltation. **1**
- i) Define attenuation. **1**
- j) Name the causative agent of Malaria. **1**
- k) Write down full form of HIV. **1**
- l) Name causative agent of Hepatitis. **1**
