

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

P. Pages : 2

Time : Three Hours



GUG/S/25/13105

Max. Marks : 50

Notes : 1. All questions are compulsory. Draw diagram wherever it is required.

1. What are infectious diseases? Describe stages of infectious diseases. **10**

OR

a) Describe normal microflora of respiratory tract. **2½**

b) Explain sign, symptoms and syndromes of diseases. **2½**

c) Describe Epidemic and Endemic. diseases. **2½**

d) Explain normal microflora of skin. **2½**

2. What are communicable diseases? Explain different methods of control of communicable diseases. **10**

OR

a) Write short note on - Portal of Exit. **2½**

b) Write short note on - Endogenous sources of infection. **2½**

c) Explain mode of transmission by vector. **2½**

d) Write short note on - Non-living sources of infection. **2½**

3. What is Invasiveness? Explain in detail about factors responsible for invasiveness. **10**

OR

a) Write short note on Vaccines. **2½**

b) Write short note on Attenuation. **2½**

c) Write short note on Endotoxin. **2½**

d) Write short note on Exaltation. **2½**

4. Describe in detail - Epidemiology, pathogenesis, laboratory diagnosis, treatment and prevention of Typhoid. **10**

OR

a) Explain laboratory diagnosis of Tuberculosis. **2½**

b) Write short note on Pathogenesis of AIDS virus. **2½**

c)	Describe laboratory diagnosis of Malaria parasite.	2½
d)	Write short note on Epidemiology of dengue virus.	2½
5.	Solve any ten questions (Each question carry one mark).	1x10
i)	What is Bacteremia?	1
ii)	What is Nosocomial infection?	1
iii)	What is Acute infection?	1
iv)	Enlist the name of vehicle of disease?	1
v)	What is placental transmission?	1
vi)	Enlist the name of eye disease causing pathogens?	1
vii)	What are endotoxins?	1
viii)	What are enterotoxins?	1
ix)	What is Virulence?	1
x)	What is causative agent of Candidiasis?	1
xi)	What is Bilirubin?	1
xii)	What is Causative agent of TB?	1
