



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

1. Explain the normal microbial flora of human body. **10**

OR

a) Describe the stages of Infectious disease. **2½**

b) Define sign, symptoms and syndrome. **2½**

c) Explain septicemia and pyaemia. **2½**

d) Write the characteristic of Normal microbial flora. **2½**

2. Explain various method to control communicable diseases. **10**

OR

a) What is portal of entry? Explain. **2½**

b) Write a note on Susceptibility of host. **2½**

c) Describe the various sources of infections. **2½**

d) Enlist the diseases of skin and digestive tract. **2½**

3. What are vaccines? Explain its types. **10**

OR

a) Describe the factors responsible for the invasiveness. **2½**

b) Write the methods of attenuation. **2½**

c) Give the difference between Exotoxin and Endotoxin. **2½**

d) Define MID, MLD and ID50. **2½**

4. Explain Epidemiology, pathogenesis, laboratory diagnosis and treatment of Typhoid. **10**

OR

a) Give the structure of Dengue virus. **2½**

b) Write the laboratory diagnosis of Tuberculosis. **2½**

c) Give the pathogenesis of AIDS. 2½

d) Write a short note on Candidiasis. 2½

5. Attempt any ten. 10

a) Nosocomial Infection.

b) Zoonotic disease.

c) Pandemic disease.

d) Chronic carriers..

e) Vector.

f) Quarantine.

g) What is Exaltation.

h) What is Toxoid.

i) What is Enterotoxin.

j) Give the morphology of s. typhi.

k) Which is the causative agent of swine flu.

l) Give the full form of HIV.
