

**B.Sc. Semester-VI Examination, 2022-23****MICROBIOLOGY [Honours]**

Course ID : 62211 Course Code : SH/MCB/601/C-13

Course Title : Medical Microbiology

Time : 1 Hour 15 Minutes Full Marks : 25

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.***Answer all the questions.****UNIT-I**1. Answer any **five** of the following questions:  $1 \times 5 = 5$ 

- What is systemic mycosis?
- What is ORS?
- How can you diagnose Chikungunya?
- Write the name of causal organism of Malaria.
- What do you mean by HIV and AIDS?
- Define infection.
- Name one antibiotic producing microorganism.
- How *Salmonella typhi* is transmitted?

2. Answer any **two** of the following questions: $5 \times 2 = 10$ 

- What is the causal organism of Kala-azar? Write a short account on transmission procedure of the pathogen.  $1+4$
- Write a short note on symptoms and control measures of Japanese Encephalitis.  $2\frac{1}{2} + 2\frac{1}{2}$
- Write down general symptoms and control measures of respiratory diseases caused by bacteria.  $2\frac{1}{2} + 2\frac{1}{2}$
- Write a short note on mode of action of antiviral agents with suitable example.

**UNIT-III**3. Answer any **one** of the following questions: $10 \times 1 = 10$ 

- What is the causal organism of Athlete's foot? Write symptoms, mode of transmission and control measure of this disease.  $1+3+3+3$

b) Write a short note on normal micro-flora of gastrointestinal tract of human.

Compare any **two** between:  $5+(2\frac{1}{2}+2\frac{1}{2})$

- i) Pathogenicity and Toxicity
  - ii) Opportunistic and Nosocomial infection
  - iii) Carriers and reservoir
-