

U.G. 4th Semester Examination - 2020**MICROBIOLOGY****[HONOURS]****Skill Enhancement Course (SEC)****Course Code : MB-H-SEC-L-02****(Management of Human Microbial Diseases)**

Full Marks : 20

Time : 2 Hours

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.*1. Answer any **five** of the following : $2 \times 5 = 10$

- i) What is an infectious disease? Give one example.
- ii) How does face mask prevent air-borne infections?
- iii) What do you mean by the term 'booster dose' in vaccination schedule?
- iv) How does alcohol act as good sanitizer?
- v) What is incubation period for disease progression?
- vi) Mention the difference between pandemic and endemic diseases.
- vii) Define mortality rate for an infectious disease.

viii) What is DOTS? For what disease this strategy is used?

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

- i) Why are there few antiviral drugs for systemic use? Name two common antiviral drugs. $3+2$
- ii) What is nosocomial infection? Mention the possible reasons of nosocomial infections. $1+4$
- iii) Name two mosquito-borne diseases. How could it be managed for public health? $2+3$
- iv) What are the major reasons for emergence of multidrug resistance? How does penicillin act? $3+2$
