# Code No.: B03/207 Unit-IV

**4.** (A) Define antibiotics.

(B) Define hospital infections. 2

(C) Discuss about passive prophylactic measures in vaccination.

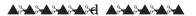
#### Or

Discuss on diagnosis and control measure of common types of nosocomical infections.

(D) Give a detail account on available vaccines and prevailing schemes about immunizations. 12

#### Or

What are antimicrobial therapy? Give a detail account of antibiotic assay methods in this therapy.



Roll No	Total No. of Sections: 4
	Total No. of Printed Pages: 4

Code No.: B03/207

# **III Semester Examination**

# M.Sc.

### Paper II

[Medical Microbiology]

Time : Three Hours ] [ Maximum Marks : 80 [ Min. Passing Marks : 16

Note: Part A and B of each question in each unit consists of Very Short Answer Type Questions which are to be answered in one or two sentences. Part C (Short Answer Type) of each question will be answered 200-250 words. Part D (Long Answer Type) of each question should be answered within the word limit 400-450.

#### Unit-I

- 1. (A) What is normal flora of human body?
  - (B) Name any two disease causing organism and their diagnosis methods.2

2

#### Code No.: B03/207

(C) Write in brief about major contributions of Robert Koch and Alexander Fleming in the field of Medical Microbiology.4

Or

Write short notes on Anti-phagocytic factors and Organotropism.

(D) Give a detail account of normal flora of the conjunctiva, nose, nasopharyx and assessing sinuses.

12

Or

Discuss about the mechanism of bacterial adhesion with suitable example.

## Unit-II

2. (A) Importance of Rikettsiae.
(B) Define Bordetella infection.
(C) Write notes on Vibrios
4

Or

Explain non-fermentive gram negative bacilli.

[2]

#### Code No.: B03/207

(D) Write a note on disease, symptoms and control on special account of *Vibrios*, *Pneumococcus*, *Yersinia*, *Haemophillus*.12

#### Or

What are pathogenic bacteria? Give a brief account of their classification and major diseases caused by pathogenic bacteria.

#### Unit-III

3. (A) What are of opportunistic fungi.
(B) What is *Leismania*?
(C) Explain the Adeno viruses.

#### Or

Explain fungal disease and methods of their control.

(D) Write a detail account of viral diseases, host interaction and control measures. 12

#### Or

Give a detail account of protozoal diseases studied by you.