



GAZ-472

Seat No. _____

B. Sc. (Sem. VI) Examination

March / April - 2017

MI-603 : Microbiology

(Medical Microbiology)

Time : Hours]

[Total Marks : 70

- 1 (a) Answer any **two** questions from the following : **12**
- (1) Define serology and discuss the bacterial diseases of Nervous system.
 - (2) Discuss the bacterial diseases of Reproductive system.
 - (3) Give the mode of transmission for leprosy and discuss the bacterial diseases of respiratory system.
- (b) Answer any **three** questions from following : **6**
- (1) Give the full form of CJD.
 - (2) Enlist causative agent of Hepatitis.
 - (3) Difference between septicemia and serology.
 - (4) Give the causative agent of Malaria.
- 2 (a) Answer any **two** questions from following : **12**
- (1) Define Exotoxin and discuss the chemical barriers of host defense.
 - (2) Write a note on bacterial Endotoxin.
 - (3) Detail note on parasite relationship in various disease.

(b) Answer any **three** questions from the following : **6**

- (1) Give the name of Normal flora of skin.
- (2) Characteristics of Normal flora of organism.
- (3) Enlist Normal flora of mouth.
- (4) Difference between colonization and growth.

3 (a) Answer any **two** questions from following : **12**

- (1) List the Vector Borne disease and discuss any one mode of transmission of epidemic disease.
- (2) Define Morbidity Rate and explain in detail herd immunity.
- (3) Define Phage typing and explain the antigenic shift and drift.

(b) Answer any **three** questions from the following : **6**

- (1) Define Mortality Rate.
- (2) What is Carrier ?
- (3) What is difference between Infection and Disinfectant ?
- (4) Difference between Epizootics and Zoonoses.

- 4 (a) Answer any **two** questions from following : **12**
- (1) Difference between Serum and Antiserum and explain Toxids in detail.
 - (2) Prophylactic use of immunoglobulin.
 - (3) Explain inactivated vaccine.
- (b) Answer any **two** of the following questions : **4**
- (1) What is Anamnesis ?
 - (2) Example of Live attenuated vaccine.
 - (3) Difference between Serum and Antiserum.
 - (4) Define : Anamnesis.
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