

Madhya Pradesh Medical Science University, Jabalpur
B.Sc. First Year Main Examination February – 2020
Paper Code:- 20AN0000102041
Subject:- Microbiology

Time: 3 Hours

Maximum Marks: 75

- 1) All questions are compulsory
- 2) Draw diagrams wherever necessary
- 3) Answers of Questions and Sub questions must be written strictly according to the serial order of question paper, otherwise the question shall not be valued
- 4) Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.
- 5) Student can answer the question in both Hindi and English Language.

Q.1. a. What are the relevance of microbiology in nursing. (5)

b. Enlist principles and importance of microbiology in Nursing. (5)

Q.2. a. Define immunity. (2)

b. Enlist types of immunity. (3)

c. What are the factors Influencing the innate immunity. (5)

Q.3. Describe the bacterial cell with labeled diagram. (10)

Q.4. Write difference between; (Any Four) (4x5=20)

a. Chemotherapy and antibiotics.

b. Sterilization and disinfection.

c. Rodents and vectors

d. Antigen and antibody reaction.

e. Vaccines and sera.

Q.5. Write short notes on: (Any Five) (5x5=25)

a. Function of Blood.

b. Typhoid Fever

c. Biomedical waste management.

d. Bacterial growth curve.

e. Role of nurse in hospital infection control programme.

f. Hypersensitivity.

g. Morphology of bacteria.
