

Madhya Pradesh Medical Science University, Jabalpur
PBBSc. Nursing First Year Main Examination January - 2020
Paper Code:- 20AN0101101841

Time: 3 Hours

Subject:- Microbiology

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. Define Micro-organism (2)
b. Classification of Micro-organism (3)

Q.2. a. Define immunity? (2)
b. Explain the types of immunity. (3)
c. Describe antigen & antibody reaction. (5)

Q.3. a. Define infection (2)
b. Describe the different sources of infection (8)

Q.4. Write the difference of the following (Any Five) (3x5 = 15)
a. Active Immunity and passive Immunity.
b. Sterilization and Disinfection.
c. Bacteria and Viruses.
d. Heat and Cold.
e. Gram Positive and Gram Negative Bacteria.
f. HIV and Tuberculosis.

Q.5. a. Define hospital acquired infection. (2)
b. Explain the Role of Nurse prevention of hospital acquired infection (8)

Q.6. Write Short Notes on (Any Five) (5x5 = 25)
a. Sterilization.
b. Universal Precautions
c. Pasteurization
d. Classification of viruses.
e. Gram staining
f. Food Poisoning.