

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 Poising.