

# Madhya Pradesh Medical Science University, Jabalpur

First Year B.Sc. Nursing Examination November - 2016

Paper Code:- 16NB105

Subject:- Microbiology

Time: 3 Hours

Maximum Marks: 75

- 1) *All questions are compulsory*
- 2) *Attempt all question in serial order.*
- 3) *Illustrate your answer with well labelled diagram.*

- Q.1. a. Define immunity. (2)  
b. Enlist the type of immunity. (6)  
c. What are the factors influencing innate immunity. (7)

- Q.2. a. What is AIDS? (2)  
b. Write down the pathology and clinical features (6)  
c. How it is transmitted and prevented. (7)

- Q.3. Explain procedure of Acid Fast Bacterial Staining in detail. (10)

- Q.4. Write difference between (Any Two) (5x2=10)

- a. Gram Positive and Gram Negative Bacilli.
- b. Vaccines and Sera.
- c. Sterilization and Disinfection

- Q.5. Write Short notes (Any Five) (5x5=25)

- a. Hypersensitivity
- b. Antigen and Antibody reaction
- c. Universal precautions
- d. Parasites
- e. Asepsis
- f. Role of a nurse in "Hospital Infection Control Programme"
- g. Laboratory methods for identification of micro-organisms