

Atal Behari Vajpayee Medical University
B.Sc. Nursing First year
Subject: Microbiology **Paper code 2211100105**

Time: 3 hours

Total marks: 75

General instructions:

- All questions are compulsory
- Explain with diagrams where required
- The number to the right indicates full marks
- Please write the correct paper code
- Be to the point. No extra copy shall be provided

Q. 1. Describe the following 5 + 15= 20 marks

- a) Structure of bacteria
- b) Growth and nutrition of bacteria

Q. 2. Discuss the following: 5 + 15 = 20 marks

- a) Sources of infection
- b) Methods of disinfection

Q. 3. Write briefly about: 4 + 6 = 10 marks

- a) Diseases caused by Gram positive cocci
- b) Collection of urine sample for various urine examinations

Q. 4. Write short notes on 2 + 4 + 4 = 10 marks

- a) Define immunity
- b) Discuss types of immunity
- c) Immunisation schedule

Q. 5. Describe in short 3 x 5 = 15 marks

- a) Hospital infection control
- b) Rickettsia
- c) Acid fast staining technique

Total time allotted 3 hours