

PARUL UNIVERSITY
FACULTY OF NURSING

B.Sc. Nursing (Basic), February – 2018 Examination

Year: 1**Date: 09/02/2018****Subject Code: 09101105****Time: 10:00am to 1:00pm****Subject Name: Microbiology****Total Marks: 75****Instructions:**

- (1) Answer to the point.
- (2) Figure to the right indicates full marks.
- (3) Write legibly.
- (4) Draw diagrams wherever necessary.
- (5) Use separate answer books for each section.

SECTION - A (37 MARKS)

- Q.1 Long Essays. (Any one out of two) (1 x 10) (10)**
- 1 Define sterilization and discuss in detail moist heat sterilization
 - 2 Classify bacteria. Describe the structure of bacterial cell with a neat diagram
- Q.2 Short Essays. (Any three out of six) (3 x 5) (15)**
- 1 Write the role of nurse in infection control
 - 2 Sexually transmitted diseases
 - 3 Biomedical waste management
 - 4 Round worm infestation
 - 5 Bacterial growth curve
 - 6 Contribution of Robert Kock
- Q.3 Short Answers. (6 x 2) (12)**
- 1 Define motility
 - 2 Asepsis
 - 3 Antigen
 - 4 Vaccine
 - 5 Define immunity
 - 6 Pasteurization

SECTION - B (38 MARKS)

- Q.1 Long Essays. (Any one out of two) (1x 10) (10)**
- 1 Describe immunization schedule. Write about BCG vaccine
 - 2 Define hypersensitivity. Write in detail about type I hypersensitivity
- Q.2 Short Essays. (Any four out of seven) (4 x 5) (20)**
- 1 Describe the life cycle of malarial parasite
 - 2 Gram staining
 - 3 HIV Aids
 - 4 Enteric fever
 - 5 Immunoglobulin
 - 6 ELISA test
 - 7 Candidiasis
- Q.3 Short Answers. (4 x 2) (08)**
- 1 Define Nosocomial infection
 - 2 Hydrophobia
 - 3 Tetanus
 - 4 Dengue fever