



GD-191006

Seat No. _____

First Year B. Sc. (Nursing) Examination

March / April – 2019

BSNOC - 105 : Microbiology

Time : 3 Hours]

[Total Marks : 75

Instructions :

- 1) write the each section in separate answer sheet.
- 2) Attempt all questions.
- 3) Figures to the right indicate full marks.
- 4) Draw the diagram where ever needed.

SECTION-I – (38 Marks)

1. List out different species of malarial parasite. Describe the life cycle, 3+7=10
Diagnosis and complication of plasmodium falciparum Malaria
2. Write short notes. (Any four) 4 x 5=20
 - 1) Autoclave
 - 2) Universal precautions
 - 3) Modes of transmission of Infection.
 - 4) National Immunization Schedule.
 - 5) Urinary tract Infection.
- 3 Define following. (Any four) 4 x 2=08
 - 1) Hypersensitivity
 - 2) Toxic Shock Syndrome.
 - 3) Prophylaxis.
 - 4) Nosocomial Infection.
 - 5) Enteric fever

SECTION – II– (37 Marks)

- 4 Write short notes. 4 x 5=20
 - 1) Bacterial Meningitis.
 - 2) Sexually Transmitted Diseases.
 - 3) Laboratory Diagnosis for Tuberculosis.
 - 4) Role of a nurse in hospital infection control committee.

5 Match the following.

5

A

- 1) Gram stain
- 2) Louis Pasteur
- 3) Robert Cock
- 4) Hydrogen Peroxide
- 5) Sodium Hypochlorite.

B

- i) Microbiologist.
- ii) Skin Antiseptic
- iii) Disinfection of BMW
- iv) Classify bacterial group
- v) Founder of Bacteriology
- vi) Endoscope.

6 Explain in brief: (Any Three)

3 x 4=12

- 1) WIDAL Test
 - 2) Structure of Bacteria
 - 3) Prophylaxis against Rabies
 - 4) Gas Gangrene
 - 5) Disinfectants.
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