

F.Y.B.Sc. NURSING (2019 COURSE) : WINTER - 2021
SUBJECT : MICROBIOLOGY

Day : Saturday
Date : 16/10/2021

Time : 10:00 A.M. TO 1:00 P.M.
Max. Marks : 75

W-2021 - 22425

N.B.

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate **FULL** marks.
- 3) Answer to both the sections should be written in **SEPARATE** answerbook.

SECTION – I

- Q.1** Write short notes on **ANY FIVE** of the following : (2X5) (10)
- a) Define Serological reaction
 - b) Types of Microbiology
 - c) List down the various disinfectant solutions used in hospital
 - d) Motility of Microbes
 - e) List down parts of Bacteria
 - f) Mode of transmission Covid 19
- Q.2** Write short answers on **ANY FOUR** of the following: (4X4) (16)
- a) Hand washing technique
 - b) Explain one method of sterilization
 - c) Covid vaccination
 - d) Purpose and procedure of Blood Smear
 - e) Safety precaution during biomedical waste management
 - f) Asepsis
- Q.3** Write long answer on **ANY ONE** of the following: (2X6) (12)
- a) Write any two laboratory methods for identification of Microorganism.
 - b) Explain any one staining techniques.
- OR**
- a) Explain culture media.
 - b) Preventive measures for Covid 19.

SECTION – II

- Q.4** Write short notes on **ANY FIVE** of the following : (2X5) (10)
- a) Active and passive Immunity
 - b) Transmission of TB.
 - c) General characteristics of Viruses.
 - d) Routes of entry of Micro organisms
 - e) Types of Cocci
 - f) Immunization for various diseases
- Q.5** Write short answers on **ANY FOUR** of the following: (4X4) (16)
- a) Infection by parasites
 - b) Chlamydiae
 - c) Role of Nurse in prevention Mycosis
 - d) Antigen Antibody Reaction
 - e) Hypersensitivity
 - f) Cold chain
- Q.6** Write long answer on **ANY ONE** of the following: (1X11) (11)
- a) Define Immunity, various types of Immunity and Immunization schedule.
 - b) Define Infection, mode of transmission of Infection, collection handling and transportation of samples.
