BRAINWARE UNIVERSITY

Term End Backlog Annual Examination, March-2022

Programme – Bachelor of Science in Nursing

Course Name – Microbiology

Course Code – BNS105

(Year – I)

Time allotted: 3 hrs.

Full Marks: 75

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable. Write answer of Section – A and Section –B in separate Answer booklet.]

Section – A

1. Write short answer type questions of the following: 1 x 5 = 5

    (I)   Explain the steps of the Gram staining procedure   [5]

OR

    (II)   Write short note on nosocomial infection   [5]

2. Write long answer type question of the following: 2 x10= 20

    (I)   Define sterilization and disinfection. Describe the methods of sterilization.   [2+2+6]

    (II)   What is BMW? Discuss about the different colors coded dustbin used in hospital setting and why?   [3+7=10]

3. Write long answer type questions of the following: 1 x 15= 15

    (I)   What is antibody? What are the different types of immunoglobulin? Discuss any one.   [2+6+7= 15]

OR

    (II)   Ten years of child is admitted with nausea, vomiting and enlarged liver. LFT shows elevated bilirubin and liver enzymes.   [3+4+8=15]

    a. Enumerate the different causes of hepatitis

    b. What are the different modes of transmission of different types of hepatitis

    c. Explain the prevention and management of hepatitis A and B.