

SEP23-1-11007

B.SC NURSING Sem-III Examination

SEP-2023

Applied Microbiology and Infection Control including Safety

Total Marks : 75

Time : 3 Hours

Instructions:

1. The number to the right indicates full marks
2. Draw diagram wherever necessary.
3. Answer each section in the respective answer sheet only
4. Answer written in the inappropriate sectional answer book will not be assessed in any case

Section - A

(37)

Que. 1 Multiple Choice Question (MCQ) (6 x 1 = 06)

- Who is the father of Microbiology ?
  - Louis Pasteur
  - Robert Koch
  - Ant cruise van Leuwenhoek
  - Landsteiner
- Reaction of normal Urine is :
  - Acidic
  - Slightly acidic
  - Natural
  - Alkaline
- Who is discovered tubercle bacilli
  - Edward Jenner
  - Alexander Fleming
  - Robert Koch
  - Joseph Lister
- VDRL test is an example of
  - Tube Test
  - Ring Test
  - Slide Test
  - None of these
- Strength of savlon for disinfection thermometer is :
  - 1 : 30
  - 1 : 20
  - 1 : 40
  - 1 : 10
- Which antibody is elevated in acute infection ?
  - Ig A
  - Ig G
  - Ig E
  - Ig M

Que. 2 Long Answer question (10)  
Importance of Microbiology in Nursing

Que. 3 Write Short Notes (Any Three) (3 x 5 = 15)

- Staining Techniques
- Antigen and Antibody reaction
- Types of Immunity
- Transmission infection

Que. 4 Very Short Answer (3 x 2 = 06)

- Body fluids
- Parasites
- ELISHA

- Que. 5 Multiple Choice Question (MCQ) (6 x 1 = 06)
- i. How many moments of hand hygiene have been laid down by WHO ?
    - a. 5
    - b. 6
    - c. 7
    - d. 8
  - ii. All of the following vaccines are recommended for healthcare weakness; except:
    - a. Covid
    - b. Hepatitis B
    - c. Hepatitis A
    - d. Tetanus
  - iii. What are the PPE recommended for contact precaution?
    - a. Gloves and mask
    - b. Gown and mask
    - c. Gloves and gown
    - d. Gown and Goggles
  - iv. Endoscope is sterilize by:
    - a. Glutaraldehyde
    - b. Formaldehyde
    - c. Autoclaving
    - d. Hot air oven
  - v. Sharp instrument should not be sterilized by?
    - a. Autoclaving
    - b. Boiling
    - c. Hot air oven
    - d. Antiseptic solution
  - vi. Treatment and disposal should be done within \_\_\_\_\_ hours of segregation.
    - a. 24hr
    - b. 48hr
    - c. 72hr
    - d. week
  - vii. All are potentially highly infectious specimen for occupational injury, except:
    - a. Blood
    - b. Semen
    - c. CSF
    - d. Saliva
- Que. 6 Long Answer Question. (10)  
Write about Hospital acquired Infection.
- Que. 7 Short Notes (Any Three) (3 x 5 = 15)
- a. Principles of Specimen collection
  - b. Colors coded waste containers and types of waste
  - c. Role of infection control nurse
  - d. Post exposure prophylaxis for HIV
- Que. 8 Very Short Answer (3 x 2 = 06)
- a. Food safety
  - b. Radiation safety
  - c. Occupational health ordinance
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