



BRAINWARE UNIVERSITY

Term End Examination 2024-2025

Programme – B.Sc.(PA)-2021/B.Sc.(PA)-2022/B.Sc.(PA)-2023

Course Name – Fundamental of Nursing

Course Code - BPAS304

(Semester III)

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) Choose Which of the following is an example of aseptic technique?
 - a) Washing hands with soap and water
 - b) Disinfecting a countertop with bleach
 - c) Wearing gloves while handling specimens
 - d) Using a paper towel to dry hands
- (ii) Tell The process of destroying all microorganisms, including spores, on an object is known as:
 - a) Cleaning
 - b) Disinfection
 - c) Sterilization
 - d) Sanitization
- (iii) Show Which of the following is a common source of healthcare-associated infections (HAIs)?
 - a) Hand washing
 - b) Adequate ventilation
 - c) Clean linens
 - d) Contaminated medical equipment
- (iv) Choose Which of the following is an example of a low-level disinfectant?
 - a) Chlorine bleach
 - b) hydrogen peroxide
 - c) Ethanol
 - d) Formaldehyde
- (v) Name Which parenteral route involves injecting medications directly into a muscle?
 - a) Intravenous
 - b) Intramuscular
 - c) Subcutaneous
 - d) Intradermal
- (vi) select Which blood component is primarily responsible for carrying oxygen to body tissues?
 - a) Red blood cells (RBCs)
 - b) White blood cells (WBCs)
 - c) Platelets
 - d) Plasma
- (vii) Select Which route of medication administration is suitable for patients who cannot tolerate oral medications or have difficulty swallowing?
 - a) Intravenous
 - b) Intramuscular
 - c) Subcutaneous
 - d) Buccal

- (viii) State What is the primary role of a medication administration record (MAR) in healthcare settings?
- To track patient demographics
 - To document medication administration details
 - To store medication supplies
 - To schedule patient appointments
- (ix) State How can bedsores (pressure ulcers) be prevented in immobile patients?
- Frequent repositioning and skin inspections
 - Providing a firm mattress
 - Administering pain medication
 - Administering pain medication
- (x) Select Which type of burn is characterized by blisters and damage to the deeper layers of skin?
- First-degree burn
 - Second-degree burn
 - Third-degree burn
 - Fourth-degree burn
- (xi) State Which of the following is a dissolvable suture material often used for internal sutures?
- Silk
 - Nylon
 - Vicryl
 - Stainless steel
- (xii) Identify Which of the following is the correct compression-to-ventilation ratio for adult CPR?
- 0.626388888888889
 - 1.251388888888889
 - 0.209027777777778
 - 0.417361111111111
- (xiii) Tell In BLS, what should you do if an infant is choking but still able to cough forcefully?
- Begin back blows and chest thrusts
 - Administer abdominal thrusts
 - Encourage the infant to continue coughing
 - Start CPR immediately
- (xiv) Select Which of the following is a common symptom of a heart attack?
- Rapid breathing
 - Severe headache
 - Crushing chest pain or discomfort
 - Muscle cramps
- (xv) Tell How can you help someone who is experiencing an asthma attack?
- Give them a drink of water
 - Encourage deep, slow breaths
 - Administer a painkiller
 - Offer a sugary snack

Group-B

(Short Answer Type Questions)

3 x 5 = 15

- Tell How does a healthcare provider determine the severity of illness in a patient, and why is this assessment crucial? (3)
- Tell What are the key principles and best practices for biomedical waste management in healthcare facilities? (3)
- Discuss What is the purpose of intra-dermal medication administration, and can you provide an example of a medication commonly administered via this route? (3)
- In the context of oxygen therapy, why would a healthcare provider choose to administer oxygen to a patient, and what are the potential benefits? (3)
- Tell Why is building strong interpersonal relationships among healthcare staff essential for patient care and teamwork? (3)

OR

Tell Why is documentation an integral part of effective communication in healthcare, and what are the best practices for maintaining accurate patient records? (3)

Group-C

(Long Answer Type Questions)

5 x 6 = 30

- Write a short note on Triage. (5)

8. Compare and contrast the various methods of nourishment delivery, such as oral feeding, tube feeding, intravenous drips, and transfusions. How do healthcare providers determine the most appropriate method for a specific patient? (5)
9. When bandaging an extremity, such as an ankle or wrist, what principles should be followed to ensure proper circulation and immobilization? Prepare step-by-step instructions for applying such a bandage. (5)
10. Can you explain on the primary objectives of First Aid, including the importance of preserving life, preventing further harm, and promoting recovery? (5)
11. What are the principles of patient care? (5)
12. Analyze When performing CPR as part of BLS, what are the key considerations for the rate and depth of chest compressions, and how does proper CPR technique contribute to oxygenating the brain and vital organs? (5)

OR

Explain the role of Automated External Defibrillators (AEDs) in BLS, including their function, when and how they should be used, and the importance of early defibrillation in improving survival rates.

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