



BRAINWARE UNIVERSITY

Term End Examination 2023-2024

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

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) how many categories are there in triage system?
 - a) four
 - b) eight
 - c) twelve
 - d) ten
- (ii) When the set point is increased, as in fever, the hypothalamus initiates
 - a) Sweating
 - b) shivering
 - c) vasoconstriction
 - d) shivering and vasoconstriction
- (iii) Core body temperature is highest at:
 - a) Early morning
 - b) Late afternoon
 - c) Night
 - d) Evening
- (iv) Facial expressions, gestures, body language are the example of:
 - a) Verbal communication
 - b) Nonverbal communication
 - c) Both A and B
 - d) None of these
- (v) Show What does non-verbal communication primarily involve?
 - a) Defining medical terms
 - b) Visualizing patient data
 - c) Using body language and gestures
 - d) Listing patient symptoms
- (vi) Delivery of any medications that is absorbed through the gastrointestinal tract:
 - a) Enteral
 - b) Parenteral
 - c) Sublingual
 - d) Epidural
- (vii) What is the underlying mechanism that causes pressure ulcers?
 - a) Lack of adequate blood flow
 - b) Calcium deficiency
 - c) Pulmonary embolism
 - d) Stroke
- (viii) Name What is a key component of successful patient contact techniques?
 - a) Identifying patient demographics
 - b) Identifying patient demographics
 - c) Establishing trust and rapport
 - d) Telling patients about unrelated medical cases
- (ix) Tell Effective communication with doctors and colleagues involves:

- a) Visualizing patient data
- b) Using medical abbreviations
- c) Listing patient appointments
- d) Clear and respectful exchange of information
- (x) Select Which method is used to kill all forms of microbial life, including spores?
 - a) Disinfection
 - b) Sanitization
 - c) Sterilization
 - d) Antisepsis
- (xi) Tell Which color-coded bin or container is typically used for the disposal of infectious waste?
 - a) green
 - b) yellow
 - c) blue
 - d) red
- (xii) When the Core body temperature is highest in human body?
 - a) Early morning
 - b) Late afternoon
 - c) Evening
 - d) Night
- (xiii) What is good way to assess if your patient's is at risk for pressure ulcer?
 - a) The Braden Scale
 - b) empirical knowledge derived from your experience with other patients with pressure ulcer
 - c) Review of body systems approach
 - d) All of these
- (xiv) Which of the following is NOT a risk of pressure ulcers in bed ridden patients?
 - a) Being overweight
 - b) Changing position regularly
 - c) Lack of mobility
 - d) Poor nutrition
- (xv) If a patient's enteral volume requirement is 2400 ml, what will be the final rate for infusion?
 - a) 125 ml/hr
 - b) 100 ml/hr
 - c) 75 ml/hr
 - d) 50 ml/hr

Group-B

(Short Answer Type Questions)

3 x 5=15

2. Explain the significance of intravenous fluids in patient care and provide an example of a situation where they are commonly used. (3)
3. Discuss the importance of blood and blood component transfusion in medical treatment and the key considerations when performing such a procedure. (3)
4. Name What are the key considerations when positioning a patient in the prone position? (3)
5. What are the Factors affecting communication process? (3)
6. write What is Basic Life Support (BLS), and why is it important? (3)

OR

Explain How do you use an Automated External Defibrillator (AED)? (3)

Group-C

(Long Answer Type Questions)

5 x 6=30

7. Write the methods of Oxygen administration in detail. (5)
8. What are the different type of aseptic techniques? (5)
9. Explain the importance of proper hand washing and hygiene in healthcare settings, and provide a step-by-step guide on how healthcare professionals should wash their hands effectively to prevent the spread of infections. (5)
10. In a real-life scenario, design the step-by-step process you would follow when providing First Aid to someone who has sustained a deep cut on their arm. (5)
11. 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. (5)

12. Non-verbal communication plays a crucial role in healthcare interactions. Explain the various forms of non-verbal communication and their impact on patient outcomes. How can healthcare professionals improve their non-verbal communication skills? (5)

OR

Can you explain on the primary objectives of First Aid, including the importance of preserving life, preventing further harm, and promoting recovery? (5)
