



BRAINWARE UNIVERSITY

Term End Examination 2025-2026

Programme – B.Sc. Nursing-2024

Course Name – Adult Health Nursing I with Integrated Pathophysiology including BCLS module(Theory)

**Course Code - N-AHN (I) 215 (T)
(Semester III)**

Full Marks : 75

Time : 3:0 Hours

[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

Marks : 37

Group-A

(Multiple Choice Type Question)

8 x 1=8

1. Choose the correct alternative from the following :

- (i) What is the primary goal of maintaining a sterile environment in the OT?
 - a) To prevent staff injuries
 - b) To Increase the efficiency of procedures
 - c) To minimize the risk of infections
 - d) To Improve patient comfort
- (ii) Which nurse is responsible for coordinating activities and ensuring patient safety during surgery?
 - a) Scrub Nurse
 - b) Anesthesia Technician
 - c) Circulating Nurse
 - d) OT Manager
- (iii) Which PPE error increases infection risk?
 - a) Proper disposal
 - b) Reusing disposable gloves
 - c) Wearing mask
 - d) Hand washing
- (iv) Identify the changes seen in an ECG during hyperkalemia.
 - a) Long R wave
 - b) Pathological Q waves
 - c) Short PR Interval
 - d) Tall T wave
- (v) Which type of fracture is most common in children due to their flexible bones?
 - a) Comminuted fracture
 - b) Spiral fracture
 - c) Greenstick fracture
 - d) Compression fracture
- (vi) Which dietary modification is recommended for a patient with osteoporosis?
 - a) High-protein, low-calcium diet
 - b) High-calcium, high-vitamin D diet
 - c) Low-fat, high-sodium diet
 - d) High-carbohydrate, high-iron diet
- (vii) What is the primary defect in hemophilia?
 - a) Platelet deficiency
 - b) Clotting factor deficiency
 - c) RBC destruction
 - d) Excess WBC production
- (viii) Which blood disorder shows Reed-Sternberg cells on biopsy?
 - a) Non-Hodgkin lymphoma
 - b) Hodgkin lymphoma
 - c) Leukemia
 - d) Multiple myeloma

2. Define wound healing. Differentiate between primary, secondary, and tertiary wound healing. Discuss about the role of nurses in promoting wound healing. (2+5+8) (15)

OR

List down the types of Pain. Describe the theories of Pain. Explain in detail about WHO Ladder in Pain management. Discuss the alternative and complementary methods of Pain management. (3+3+4+5) (15)

Group-C
 (Short Answer Type Questions)

2 x 5 = 10

3. Elaborate nursing care of a patient undergone blood transfusion. (5)
 4. Explain the emergency and continuing management of Hyperkalemia. (5)

OR

Explain two medical and surgical management of coronary atherosclerosis (5)

Group-D
 (Very Short Answer Type Questions)

2 x 2 = 4

5. List down principles of autoclave. (2)
 6. List two difference between stable angina and unstable angina (2)

Section : B

Marks : 38

Group-A
 (Multiple Choice Type Question)

4 x 1 = 4

7. Choose the correct alternative from the following :

(i) Identify the condition in which lung tissue collapses.

- a) Atelectasis
 b) Croup
 c) Empyema
 d) Pneumonia

(ii) Which of the following is a common cause of GI obstruction?

- a) Intestinal parasites
 b) Volvulus
 c) Hemorrhoids
 d) Peptic ulcer

(iii) Which lab test is most indicative of Diabetes Mellitus?

- a) HbA1c
 b) Serum potassium
 c) Fasting lipid profile
 d) Chest X-ray

(iv) Cushing Syndrome is characterized by excessive production of which hormone?

- a) Cortisol
 b) Insulin
 c) Aldosterone
 d) Thyroxine

Group-B
 (Long Answer Type Questions)

1 x 15 = 15

8. Define ARDS. Differentiate ARF & ARDS. Explain the etiology and pathophysiology of ARDS. Discuss the collaborative management of a patient with ARDS. (2+3+5+5) (15)

OR

Explain the pathophysiology, stages, and complications of liver cirrhosis. (5+5+5) (15)

Group-C

(Short Answer Type Questions)

3 x 5=15

9. Explain Short note on -Portal HTN
10. Discuss the preventive measures of Dengu fever.
11. Discuss about TPN.

(5)
(5)
(5)

OR

Explain Stoma Care

(5)

Group-D

(Very Short Answer Type Questions)

2 x 2=4

12. Illustrate pulmonary function test
13. What is Insulin Resistance?

(2)
(2)
