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Brainware University
Barasat, Kolkata-126

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

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Group-B
(Long Answer Type Questions) 1 x 15=15

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 diffrence 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)

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Group-C
(Short Answer Type Questions)

3 x 5=15

9. Explain Short note on -Portal HTN (5)
10. Discuss the preventive measures of Dengu fever. (5)
11. Discuss about TPN. (5)

OR

Explain Stoma Care (5)

Group-D
(Very Short Answer Type Questions)

2 x 2=4

12. Illustrate pulmonary function test (2)
13. What is Insulin Resistance? (2)

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