

THE OPEN UNIVERSITY OF SRI LANKA
DEPARTMENT OF NURSING
ACADEMIC YEAR 2020/2021 – SEMESTER 2
BACHELOR OF SCIENCE HONOURS IN NURSING
NGU5207- CRITICAL CARE NURSING - LEVEL 5
FINAL EXAMINATION



Date: 28.09.2022

Time: 01.30 PM- 03.30 PM

Index Number

Duration: 02 hours

Part B - Matching Questions (10 Marks)

Match the words/phrase given in the left column with one of the most relevant phrases given in the right. Indicate the letter corresponding to your response in the given space on the left.

Left		Right
1. Designed to accumulate and store oxygen between breaths	()	A. Oesophageal varices
2. Reorganization stage of grieving	()	B. Decorticate posturing
3. Protest stage of grieving	()	C. Reservoir system
4. Corresponding T wave of electrocardiography	()	D. Thrombocytopenia
5. Corresponding P wave of electrocardiography	()	E. Bargaining
6. Presence of petechial haemorrhages	()	F. Atrial depolarization
7. Abnormal flexion of upper limbs	()	G. Decerebrate posturing
8. Delivers supplemental oxygen directly into the patient's airway	()	H. Acceptance of loss
9. Experiencing haematemesis	()	I. High flow system
10. Abnormal extension of upper limbs	()	J. Ventricular repolarization
		K. Low flow system
		L. Ventricular depolarization

Part C – Short Answer Questions (40 Marks)**Q1:**

1.1 Write **three (03)** benefits of enteral feeding through nasogastric tube. **(3 Marks)**

- a.
- b.
- c.

1.2 Write **three (03)** indications for total parenteral nutrition. **(3 Marks)**

- a.
- b.
- c.

1.3 Write **four (04)** complications of total parenteral nutrition. **(4 Marks)**

- a.
- b.
- c.
- d.

(Total- 10 Marks)

Q2:

2.1 Write **four (04)** causes of intracerebral haemorrhage? **(4 Marks)**

- a.
- b.
- c.
- d.

2.2 State **three (03)** clinical features of Cushing's triad? **(3 Marks)**

- a.
- b.
- c.

2.3 State **three (03)** common clinical manifestations of increased intracranial pressure. **(3 Marks)**

- a.
- b.
- c.

(Total- 10 Marks)

Q3:

3.1 What is acute kidney injury? **(3 Marks)**

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3.2 State **four (04)** predisposing factors of acute kidney injury. **(4 Marks)**

- a.
- b.
- c.
- d.

3.3 Write **three (03)** post-renal causes of acute kidney injury. **(3 Marks)**

- a.
- b.
- c.

(Total- 10 Marks)

Q4

4.1 Write the **two (02)** key features of disseminated intravascular coagulation (DIC). **(2 Marks)**

a.

b.

4.2 Write the most common cause of disseminated intravascular coagulation. **(2 Marks)**

a.

4.3 Write **three (03)** common laboratory tests that can be used to evaluate disseminated intravascular coagulation. **(3 Marks)**

a.

b.

c.

4.4 Write **three (03)** common complications of untreated disseminated intravascular coagulation. **(3 Marks)**

a.

b.

c.

(Total- 10 Marks)

Part D – Short Essay Questions (20 Marks)

Q1: Mr. S was admitted to a critical care unit following experiencing vomiting, impaired consciousness and increased urination. The critical care nurse noted that his deep and rapid breaths smell very fruity.

- 1.1. Considering the above scenario, propose an appropriate medical diagnosis for Mr. S. **(2 Marks)**
- 1.2. Briefly describe the pathophysiology of the condition. **(3 Marks)**
- 1.3. Write **five (05)** actual nursing diagnoses for this patient's condition. **(5 Marks)**

(Total- 10 Marks)

Q2: Mrs. M, a 45-year-old woman was admitted to a critical care unit with the diagnosis of acute coronary syndrome. At the time of admission, Mrs. M had difficulty in breathing, chest pain, nausea and dizziness.

- 2.1 Briefly describe **five (05)** nursing interventions that can be implemented to relieve patient's condition. **(5 Marks)**
- 2.2 Briefly explain **five (05)** important points for patient and family education relevant to this condition. **(5 Marks)**

(Total- 10 Marks)