

THE OPEN UNIVERSITY OF SRI LANKA
DEPARTMENT OF NURSING
ACADEMIC YEAR 2019/2020 – SEMESTER II
BACHELOR OF SCIENCE HONOURS IN NURSING
NGU5207- CRITICAL CARE NURSING - LEVEL 5
FINAL EXAMINATION



Date: 05.05.2021

Time: 9.30am- 11.30am

Index Number

Duration: 02 hours

Part B - Matching Questions (10 Marks)

Match the phrase given on the **left** with most relevant words/phrases given on the **right**. Put the letter belongs to the selected word/phrase in the brackets given on the left.

Left		Right
1. A complication of acute coronary syndrome	()	A. Accountability
2. Trigger the activation of tissue factor and extrinsic coagulation pathway	()	B. Tricuspid valve regurgitation
3. A clinical indication for haemodialysis	()	C. Echocardiography
4. Being answerable to what is being done	()	D. Ventricular septal rupture
5. Right atrial enlargement in the chest radiography	()	E. Endotoxins
6. Use for accurate volumetric assessment of ventricular function and mass	()	F. Acetone
7. Inability to perform a learned movement voluntarily	()	G. Hyperkalaemia
8. Characteristic fruity odour in diabetic ketoacidosis	()	H. 12 lead electrocardiogram
9. Gold standard test for diagnosing non-ST elevation myocardial infarction	()	I. Tracheostomy
10. Provide the best route of long term airway management	()	J. Apraxia
		K. Autonomy

Part C- Short Answer Questions (30 Marks)**Q1:**

Continuous renal replacement therapy (CRRT) is a new mode of dialysis which can be used for haemodynamically unstable patients with multisystem problems.

1.1 Write **three (03)** modes of CRRT which are used in critical care units. **(03 Marks)**

- I.
- II.
- III.

1.2 Which is the best mode of CRRT for an oedematous acute kidney injury patient with heart failure who is unresponsive to diuretics. **(02 Marks)**

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1.3 State the reason why you selected the above mentioned mode of CRRT for this patient. **(03 Marks)**

.....

.....

.....

1.4 Identify **two (02)** potential complications that can occur during above mentioned mode of CRRT. **(02 Marks)**

- I.
- II.

(Total: 10 Marks)

Q2:

2.1 Write **two (02)** differences between Hyperosmolar Hyperglycaemic State (HSS) and diabetic ketoacidosis (DKA). **(06 Marks)**

DKA	HSS
I.	
II.	

2.2 A patient is being discharged after recovering from HHS. Write **four (04)** important instructions you include in your discharge plan. **(04 Marks)**

- I.
- II.
- III.
- IV.

(Total: 10 Marks)

Q3:

3.1 The five category system is widely used to prioritize the patients in a triage. Fill the table by using the appropriate words. **(05 Marks)**

Category	Priority	Name	Colour
1	First	_____	Red
2	Second	_____	_____
3	Third	_____	Green
4	Fourth	Expectant	_____

3.2 In the protest stage of grieving, write **two (02)** types of behaviours that can be observed from the patient? **(02 Marks)**

- I.
- II.

3.3 During this stage of grieving, write **two (02)** strategies you would take to establish the nurse-patient interaction? **(03 Marks)**

- I.
- II.

(Total: 10 Marks)

Part D- Structured Essay Questions (30 Marks)

Question No. 01

A 55 year old male patient is admitted to the intensive care unit (ICU) with traumatic brain injury following a motor cycle accident. During the ICU stay, you noticed that patient is having sleep disturbances and develop panic attacks when reminded of the accident event.

As a critical care nurse, how would you plan the nursing care for this patient to reduce the risk of developing post-traumatic stress disorder. (15 Marks)

[illegible]

