

THE OPEN UNIVERSITY OF SRI LANKA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF NURSING
ACADEMIC YEAR 2018/2019 – SEMSETER II



15

BACHELOR OF SCIENCE HONOURS IN NURSING
NGU5207 CRITICAL CARE NURSING - LEVEL 5
FINAL EXAMINATION

DATE: 26TH NOVEMBER 2019

TIME: 01.30 PM – 03.30 PM

INDEX NO:

Part B – Matching Questions.

(10 marks)

Match the phrases given on the **Left** with most relevant words or phrase given on the **Right**.
Put the letter that belongs to the selected word in the brackets given on the middle.

	Left		Right
1.	The prognosis of the patient depends on	()	A. Ischaemic strokes
2.	In the evening, noise levels in hospital acute care areas should not exceed	()	B. Echocardiography
3.	A complication of acute coronary syndrome	()	C. Early detections & prompt actions
4.	Aggravating factor for acute severe asthma	()	D. Unstable angina
5.	Progressive narrowing of the mitral valve orifice	()	E. Upper respiratory tract infections
6.	Permits estimation of left ventricular mass	()	F. 40dB
7.	Clinical indication for cardiac catheterization,	()	G. Tracheostomy
8.	Provide the best route of long term airway management	()	H. Mitral valve stenosis
9.	Interruption of blood flow to the brain	()	I. Mannitol
10.	Increased ICP can be managed by administration of;	()	J. 20dB
			K. Ventricular aneurysm
			L. Mitral valve regurgitation

Part C – Short Answer Questions (30 Marks)

Answer all questions within the given space.

Question 1 - (10 Marks)

- 1.1) Disseminated Intravascular Coagulation (DIC) is a syndrome that arises as a complication of other life threatening conditions. There are **two (02)** key features of DIC? List those two key features. **(02 Marks)**

I.

II.

- 1.2) List **three (03)** obstetric emergencies that causes for DIC? **(03 Marks)**

I.

II.

III.

- 1.3) Sepsis is a life-threatening condition. List **four (04)** common signs and symptoms of sepsis. **(04 Marks)**

I.

II.

III.

IV.

- 1.4) List **one (01)** common pathogen that cause sepsis in hospitalized patients.

(01 Marks)

I.

Question 2 - (10 Marks)

2.1) List **four (04)** Indications for haemodialysis in acute kidney injury. **(04 Marks)**

I.

II.

III.

IV.

2.2) State the antidote for heparin. **(02 Marks)**

.....

2.3) As a critical care nurse you may have to assess indicators suggesting body image disturbances. Write **four (04)** verbal indicators that suggest body image disturbances. **(04 Marks)**

I.

II.

III.

IV.

Question 3 - (10 Marks)

3.1) Trauma can be divided into four categories depending upon its causative mechanism. State those **four (04)** categories. **(04 Marks)**

I.

II.

III.

IV.

3.2) Compare and contrast Diabetic Ketoacidosis (DKA) and Hyperglycemic Hyperosmolar State (HHS). *Some are done for you.* (06 Marks)

DKA	HHS
<i>Significant Ketone body production</i>	<i>No significant Ketone body production</i>

Part D– Structured Essay Question (30 Marks)

Ms. Rani, 45 year old female patient, is admitted to a medical ward with headache, hyperventilation, jaundice and oedema. After diagnosis of Acute Liver Failure (ALF) Ms. Rani, is transferred to the ICU as her condition deteriorates.

1.1) What is Acute Liver Failure? (02 Marks)

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1.2) State two (02) infections that cause for Acute Liver Failure (02 Marks)

I.
 II.

1.3) List two (02) complications of ALF (02 Marks)

I.
 II.

1.4) Give **four (04)** nursing diagnoses for this patient. (08Marks)

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

1.5) Briefly describe the nursing management of this patient. (16 Marks)

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