



The Open University of Sri Lanka
Department of Nursing - BSc (Hons) in Nursing Program
Academic Year 2018/2019-Semester 2
NGU5207 -Critical Care Nursing (Level 5)
No Book Test 02

Date: 07th August 2019

Time: 9.00 am – 10.00 am

Registration Number

Duration: 01 hour

Please read the following instructions carefully before you answer the question paper.

Answer all questions

Part A - Multiple Choice Questions

(10 marks)

There are 10 Multiple Choice Questions in this paper and each question or statement below contains four responses. Select the best response to each question or statement and indicate the answer in your MCQ answer sheet.

- On the answer sheet there are four cages, opposite each question number labeled “a” to “d”.
- Indicate the answer by making a cross (X) over the appropriate letter in the box.

An example of a correctly answered question is given below.

E.g.: The purpose of the multidisciplinary team in critical care setting is to:

- a. minimize mistakes and errors made on the unit.
- b. provide holistic care for the patient.
- c. increase efficiency of the unit.
- d. assist the nurse in caring for the critically ill patient.

Answer:

| | | | |
|---|--------------|---|---|
| a | b | c | d |
|---|--------------|---|---|

Part B -10 Matching Questions

(10 marks)

Part C -05 Short Answer Questions. Write answers to all within the given space **(50 marks)**

Part D -01 Structured Essay Question. Write answers within the given space **(30 marks)**

| Marking Purposes only | |
|-----------------------|--|
| Part A | |
| Part B | |
| Part C | |
| Part D | |
| Total | |

Good Luck!

Part A – 10 Multiple Choice Questions. (10 marks)

1. Upper gastrointestinal haemorrhage cause by following condition, **except**;
 - a) Haemorrhoids.
 - b) Peptic Ulcer Disease.
 - c) Oesophagogastric Varices
 - d) Oesophagitis

2. Mr.Kamal is a patient who is in the diuresis stage of Acute Kidney Injury (AKI).What nursing diagnosis would you include in the care plan for this patient?
 - a) Excess fluid volume
 - b) Risk for electrolyte imbalance
 - c) Urinary retention
 - d) Acute pain

3. Cushing's Triad of signs include following signs, **except**;
 - a) Bradycardia
 - b) Systolic hypertension
 - c) Tachycardia
 - d) Bradypnea

4. Which of the following statements is **incorrect** regarding Sickle Cell Anemia (SCA)?
 - a) Sickle shaped cells have a long life span
 - b) It is an autosomal recessive genetic disorder
 - c) SCA is not a curable disease
 - d) Sickle cells causes tissue ischaemia, infarction and eventual necrosis

5. Mr.Sugath is admitted to the Critical Care Unit for the treatment of myocardial infarction. Which of the following is the **most** common symptom of myocardial infarction?
 - a) Dyspnea
 - b) Chest Pain
 - c) Palpitation
 - d) Oedema

6. Which of the following answer contain only the signs and symptoms of hyperglycemia?
 - a) Fatigue, Heat intolerance and increased sweating
 - b) Decreased urination, high grade fever and chills
 - c) Thirst, blurred vision and diuresis
 - d) Heat intolerance, weakness and fatigue

7. Which of the following is a contraindication for intermittent hemodialysis, **except**;
- Hemodynamic instability
 - Inability to anticoagulate
 - Lack of access to circulation
 - Severe metabolic acidosis
8. One of the patients in critical care unit has suddenly developed oxygen toxicity. Which of the following signs and symptoms would expect to see from this particular patient?
- Substernal chest pain, dry cough, nasal stuffiness
 - Substernal chest pain, productive cough, tracheal irritation
 - Dyspnea, severe dehydration, productive cough
 - Shallow breathing, eye and nose discomfort
9. Which of the following statement is **correct** regarding peritoneal dialysis,
- It is used for long term and end stage kidney failure
 - The dialysate should be instilled at less than body temperature
 - Excess fluid and solutes travel from the capillary fluid through the capillary walls by only from the osmosis process
 - It is used as a first line acute care intervention
10. Which of the following is most potent drug in reduction of gastric acid secretion?
- Histamine antagonists
 - Proton pump inhibitors
 - Sucralfate
 - Antacids

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 belongs to the selected word in the brackets given on the middle.

| | Left | | Right |
|----|--|-----|--|
| 1. | Severe hypothyroidism known as, | () | A. Peptic Ulcer Disease |
| 2. | Portal hypertension will leads to | () | B. Cardiac tamponade |
| 3. | A complications of acute coronary syndrome | () | C. Haemorrhoids |
| 4. | Helicobacter pylori infection is a main cause for | () | D. Endotracheal tube |
| 5. | Fluid accumulation in the pericardial sac known as, | () | E. Pre oxygenation |
| 6. | A hall mark of gastrointestinal hemorrhage | () | F. Cerebral odema |
| 7. | A complication of acute liver failure | () | G. Myxedema Coma |
| 8. | The main diagnostic criteria of hypertensive emergency | () | H. Oesophagogastric varices |
| 9. | This is used for short term air way management | () | I. Sinus bradycardia |
| 10 | A mandatory procedure for endotracheal intubation | () | J. An acute elevation of blood pressure greater than 180/120mmhg |
| | | | K. Malena |
| | | | L. An acute elevation of blood pressure greater than 180/140mmhg |

Part C – Short Answer Questions. (50 Marks)

Answer all questions within the given space

Question 1 - (10 Marks)

1.1) State the definitions of following terms. (06 Marks)

I. Acute Kidney Injury

.....
.....

II. Acute Pancreatitis

.....
.....

1.2) List **two (02)** hallmark symptoms of acute pancreatitis (04Marks)

I.

II.

Question 2 - (10 Marks)2.1) List **two (02)** local complications of acute pancreatitis (04 Marks)

I.

II.

2.2) State **three (03)** systemic complications of acute pancreatitis (06 Marks)

I.

II.

III.

Question 3 - (10 Marks)

3.1) State **three (03)** predisposing factors for Acute Kidney Injury **(06 Marks)**

- I.
- II.
- III.

3.2) List **two (02)** infections that cause for Acute Liver Failure **(04 Marks)**

- I.
- II.

Question 4 - (10 Marks)

4.1) What are the **three (03)** main goals of Nutritional Support? **(06 Marks)**

- I.
- II.
- III.

4.2) List **two (02)** advantages of enteral nutrition **(04 Marks)**

- I.
- II.

Question 5 - (10 Marks)

5.1) List **two (02)** Antithyroid agents that can be administered as ordered to block further synthesis of thyroid hormone. **(04 Marks)**

- I.
- II.

5.2) List **three (03)** major stressors that precipitate thyroid storm. **(06 Marks)**

- I.
- II.
- III.

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Part D– Structured Essay Question. (30 Marks)

Answer all questions within the given space

Ms.Rani, 35 years old female patient, admitted to a medical ward with high blood glucose level. After the diagnosing of Diabetic Ketoacidosis (DKA) Ms.Rani, has transferred to the ICU as her condition getting deteriorate.

1.1) What is DKA? (02 Marks)

.....

1.2) List **two (02)** causes that precipitates DKA. (04 Marks)

I.
 II.

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

I.
 II.
 III.
 IV.

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

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1.

| | | | |
|---|---|---|---|
| a | b | c | d |
|---|---|---|---|

2.

| | | | |
|---|---|---|---|
| a | b | c | d |
|---|---|---|---|

3.

| | | | |
|---|---|---|---|
| a | b | c | d |
|---|---|---|---|

4.

| | | | |
|---|---|---|---|
| a | b | c | d |
|---|---|---|---|

5.

| | | | |
|---|---|---|---|
| a | b | c | d |
|---|---|---|---|

6.

| | | | |
|---|---|---|---|
| a | b | c | d |
|---|---|---|---|

7.

| | | | |
|---|---|---|---|
| a | b | c | d |
|---|---|---|---|

8.

| | | | |
|---|---|---|---|
| a | b | c | d |
|---|---|---|---|

9.

| | | | |
|---|---|---|---|
| a | b | c | d |
|---|---|---|---|

10.

| | | | |
|---|---|---|---|
| a | b | c | d |
|---|---|---|---|

