



FACULTY OF ALLIED HEALTH SCIENCES
UNIVERSITY OF RUHUNA
DEPARTMENT OF NURSING
3rd END SEMESTER EXAMINATION 2019
10th BATCH

Medical Nursing (NME 2132) - SEQ

Date: 16th December 2019

Time: 10.30 am – 12.30 am

Duration: 2 hours

Index Number:

Answer all questions

1.

1.1.

1.1.1. Define what is shock?

(10 marks)

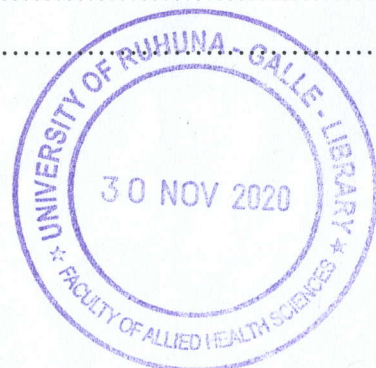
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1.1.2. Write short notes on following;

a. Cardiogenic Shock

(20 marks)

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b. Hypovolemic Shock

(20 marks)

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1.2. A 58-year old man is admitted to Emergency Treatment Unit with severe chest pain and breathing difficulty for 6 hours. Medical officer suspects that he is suffering from myocardial infarction.

1.2.1. List **two (02)** ECG changes that would support the suspicion of myocardial infarction. (10 marks)

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1.2.2. State **four (04)** nursing diagnoses for this patient. (20 marks)

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1.2.3. Briefly describe **four (04)** nursing interventions which are useful for this patient. (20 marks)

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2. A 50- year old woman with an indwelling urinary catheter complains of fever, severe loin pain, nausea and headache. Medical officer considers the possibility of urinary tract infection and requests sending a urine sample for culture and ABST.

2.1. How do you collect the urine sample for the culture and ABST from the above patient? (20 marks)

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2.2. Write **two (02)** other investigations to diagnose above condition with expected findings. (20 marks)

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2.3. Write **two (02)** nursing diagnoses to the above patient. (20 marks)

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2.4. Write **two (02)** nursing interventions for each of the above diagnosis. (20 marks)

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2.5. As a nursing officer, what measures would you take to prevent urinary tract infections in a patient with indwelling urinary catheter? (20 marks)

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3. A 55-year old man has high fever cough and right sided chest discomfort for five days. The doctors suspect pneumonia.

3.1. Give **two (02)** types of organisms which cause pneumonia in adults. (10 marks)

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3.2. Give **three (03)** investigations which need to be arranged to support the suspected diagnosis. (15 marks)

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3.3. What treatment should be immediately started to save his life. (10 marks)

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3.4. Given below is his vital parameters over 8 hours

Parameter	11.00PM	12.00MN	01.00AM	6.00AM	07.00AM
Heart Rate/min	96	98	98	120	125
Blood Pressure	110/70	110/75	100/70	90/60	80/60
O ₂ saturation	99%	99%	98%	84%	83%

3.4.1. Give the important observations and conclusions that can be drawn from this chart (30 marks)

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3.4.2. As the nursing officer give **two (02)** of your immediate responses. (20 marks)

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3.4.3. State how this abnormality could be detected sooner to take urgent action. (15 marks)

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4. A 25- year old male patient admitted to the emergency treatment unit with severe abdominal pain, vomiting and tender distended abdomen. His pulse was rapid and low volume. X-ray indicated left sided pleural effusion. Ultra sound scan of the abdomen indicated ascetic fluid in the peritoneum and inflamed pancreas. He was diagnosed as having acute pancreatitis.

4.1. State **four (04)** causes of acute pancreatitis. (10 marks)

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4.2. Briefly describe the immediate nursing management of this patient on admission. (30 marks)

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4.3. List **five (05)** relevant investigations you would order for this patient. (20 marks)

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4.4. State **four (04)** possible complications related to this condition. (10 marks)

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4.5. Briefly describe the principles of treatment of acute pancreatitis. (30 marks)

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