



University of Ruhuna
Faculty of Allied Health Sciences
Department of Nursing
5th End Semester Examination
NSU 3143- Surgical Nursing ii
SEQ paper

August 2018

Duration: Two (2) hours

Index Number.....

1.

1.1

Diabetic foot ulcer is the main cause for non-traumatic lower limb amputation.

1.1.1 List five (5) factors influencing diabetic wound healing. **(5 marks)**

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1.1.2 Write six (6) principles of prevention of diabetic foot ulcers. **(12 marks)**

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1.1.3 Briefly describes measures of diabetic wound care management. **(15 marks)**



1.2

1.2.1 List five (5) types of ano rectal disorders.

(5 marks)

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1.2.2 Illustrate nursing interventions for below mentioned nursing diagnoses for a patient who underwent hemorrhoidectomy.

a). Acute pain related to irritation, pressure, sensitivity in the ano rectal area.

(20 marks)

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b) Urinary retention due to pain.

(20 marks)

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1.3

1.3.1 Write three (3) postoperative complications of bowel surgery.

(3 marks)

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1.3.2. Briefly describe nursing management for two complication you mentioned above.

(20 marks)

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2.

A 38 year old woman was diagnosed with stage III moderately differentiated invasive ductal carcinoma of the right breast. After neoadjuvant chemotherapy with dose-dense doxorubicin and cyclophosphamide ,the patient underwent a double mastectomy with reconstructions . In her initial radiation treatment, the patient received 50 Gy in 25 fractions to the right chest wall,

2.1 List two (2) warning signs of breast cancer? (16 marks= 2x 8)

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2.2 As a healthcare provider what should be included in your health awareness program for prevention and detection of breast cancers? (20marks=2x10)

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2.3 Discuss the nursing management in above patient for brachytherapy. (20marks=2x10)

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2.4 What adverse effects could occur in the above patient after chemotherapy?

(4 marks=1/2x8)

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2.5 State nursing assessment and Interventions for managing pain for this patient. (20marks=2x10)

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2.6 What are the principles of palliative care? (20 marks=2x10)

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3.

60-year old woman with a history of hypertension (not on regular treatment) is admitted to the emergency room after acute onset of confused speech and left-sided weakness. The family members report that the symptoms appeared rapidly after complaining of headache and started vomiting.

During the examination, the patient continues to vomit and becomes more difficult to arouse. Afebrile, BP= 200/100, P= 115, and RR= 22. There is no arrhythmia. Lungs are clear. Neurological exam reveals left hemiplegia and patient is currently nonverbal except for loud sounds

CT scan of the brain reveals a large hemorrhage. Supratentorial burr hole made and Blood clots/blood were evacuated. Now patient is on third day of post-operative period.

Post-operative period: ICP – 20mmHg, Tem 101.9°F, blood pressure of 90/70 mmHg, pulse of 86/min, respiratory rate of 20/min, audible crackles on auscultation, oxygen saturation of 94% with 6 liters of oxygen. PaCO₂ 60 mmHg. Patient is verbally responding to deep voices and struggling on the bed. There is a periorbital oedema of the left side

3.1 What is the most possible hemorrhage of this patient? (1X3 marks)

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3.2 Describe post-operative nursing assessment of this patient? (5 X3 marks)

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3.3 Write 3 **main** nursing diagnosis (related to disease condition) and discuss your nursing plans for that patient (3X4 marks)

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3.4 Describe the nursing intervention for the patient with increased intracranial pressure (15 marks)

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3.5 Briefly discuss the potential post-operative complications of this surgical intervention (10 marks)



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4.

4.1

4.1.1 List Three (3) benign disorders of the breast (15 marks)

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4.1.2 What is triple assessment of breast tumours? (15 marks)

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4.2

4.2.1 How would you classify bone fractures? (20 marks)

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4.2.2 What are the indications for internal fixation of a fracture?

(5 marks)

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4.3.1 What are the causes for secondary brain injury in a patient with head injury?

(15 marks)

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4.3.2. State briefly the steps taken for prevention of secondary brain injury in a trauma patient?

(20 marks)

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