



UNIVERSITY OF JAFFNA, SRI LANKA
FACULTY OF ALLIED HEALTH SCIENCES
Second Year First Semester Examination in BScHons (Nursing) - 2021

NURMS 2123 MEDICAL SURGICAL NURSING I – PAPER II

Date: 27.02.2023

Time: 2 hours

ANSWER ALL SIX QUESTIONS

Write Part A & B in Separate Answer Booklets

Part A

1. A 45-year-old man presented to the emergency unit with severe chest pain.
 - 1.1. State the parameters which should be monitored in the emergency department? (15 Marks)
 - 1.2. List three (3) things that should be asked in the history (15 Marks)
 - 1.3. List the modifiable risk factors for myocardial infarction? (20 Marks)
 - 1.4. Write the dietary modifications you will suggest to the patient? (20 Marks)
 - 1.5. List the possible complications of myocardial infarction? (15 Marks)
 - 1.6. List three (3) medications used in myocardial infarction. (15 Marks)

2.
 - 2.1. List five (5) general causes of Heart failure (15 Marks)
 - 2.2. List the symptoms and signs of congestive heart failure (25 Marks)
 - 2.3. List three (3) investigations to diagnose or rule out heart failure (15 Marks)
 - 2.4. List three (3) medications used in the management of heart failure (15 Marks)
 - 2.5. Briefly describe the nursing care for a patient with heart failure (30 Marks)

Part B

3.
 - 3.1. Define pain (10 Marks)
 - 3.2. List the components which are essential for pain sensation (20 Marks)
 - 3.3. Briefly explain the pain impulse pathway (30 Marks)
 - 3.4. Briefly explain the responsibilities of a nurse on pain management (40 Marks)

- 4.
- 4.1. List five (5) complications of General Anaesthesia. (20 Marks)
 - 4.2. Briefly explain the pre-operative patient education. (30 Marks)
 - 4.3. Explain the nursing assessment during the intra-operative period (20 Marks)
 - 4.4. List five (5) patient positions used for surgeries. (10 Marks)
 - 4.5. Write two surgeries performed by using each position mentioned in 4.4. (20 Marks)
5. A 45-year-old man was admitted to the Emergency department with a history of blunt injury to the chest and was diagnosed as having pneumothorax.
- 5.1. List the clinical features of pneumothorax (20 Marks)
 - 5.2. List the useful investigations in pneumothorax (10 Marks)
 - 5.3. It is decided to manage the patient with an intercostal drainage tube.
How will you prepare the patient for it? (40 Marks)
 - 5.4. Write five (5) possible nursing diagnosis for this patient (30 Marks)
6. A 50-year-old man, known patient with diabetes mellitus was admitted to hospital with the right leg swelling and pain and diagnosed to have cellulitis.
- 6.1. List the other clinical features of cellulitis (15 Marks)
 - 6.2. List the risk factors of developing cellulitis (20 Marks)
 - 6.3. List the complications of cellulitis (20 Marks)
 - 6.4. Write three (3) nursing diagnosis for this patient (15 Marks)
 - 6.5. Briefly explain the nursing management of this patient (30 Marks)

