

UNIVERSITY OF JAFFNA, SRI LANKA  
FACULTY OF ALLIED HEALTH SCIENCES  
Second Year First Semester Examination in BScHons (Nursing) - 2020

NURMS 2123 MEDICAL SURGICAL NURSING I – PAPER II

Date: 20.06.2022

Time: 2 hour

ANSWER ALL SIX QUESTIONS

Answer Part A, B & C in separate booklets

Part A

1. A 40 year old male patient presented to the emergency unit with acute anterior ST elevation Myocardial infarction.
  - 1.1. List the parameters which should be monitored in the emergency department (15 Marks)
  - 1.2. List the medications should be given in the emergency department for this patient as initial STAT dose. (15 Marks)
  - 1.3. List three (3) risk factors of acute STEMI (15 Marks)
  - 1.4. What are the three (3) main investigations need to be done at the initial evaluation of the patient (15 Marks)
  - 1.5. List the dietary modifications you will suggest to this patient (10 Marks)
  - 1.6. List three (3) complications you would expect in this patient during the hospital stay (15 Marks)
  - 1.7. What are the drugs need to be given on discharge (15 Marks)
  
2. A 32year old male presented with fever for two-week (2/52) duration. In the past he has undergone mitral valve replacement for Rheumatic mitral valve stenosis. In addition, he addicted to intravenous drug abuse (IVDA). He was investigated for the fever and diagnosed as infective endocarditis.
  - 2.1. List three (3) common risk factors for infective endocarditis. (15 Marks)
  - 2.2. List five (5) clinical features of infective endocarditis. (25 Marks)
  - 2.3. Mention one major criteria for diagnosis of infective endocarditis. (20 Marks)
  - 2.4. List four (4) minor criteria for diagnosis of infective endocarditis. (20 Marks)
  - 2.5. Write the nursing management for this patient. (20 Marks)

**Part B**

3.
  - 3.1. List five (5) pain assessment methods. (20 Marks)
  - 3.2. List the factors affecting the pain. (20 Marks)
  - 3.3. As a nurse, how could you control the painful stimuli in the clinical setup. (30 Marks)
  - 3.4. Briefly explain the non-pharmacological management of pain. (30 Marks)
  
4.
  - 4.1. List the types of anaesthesia (20 Marks)
  - 4.2. How will a nurse psychologically prepare a patient for surgery (25 Marks)
  - 4.3. List the activities of a scrub nurse during surgery (25 Marks)
  - 4.4. Write five possible nursing diagnosis for a post-operative patient (30 Marks)
  
5.
  - 5.1. What is chronic Obstructive Pulmonary Disease (COPD) (10 Marks)
  - 5.2. List three (3) primary symptoms of COPD (15 Marks)
  - 5.3. List five (5) diagnostic evaluations for COPD (20 Marks)
  - 5.4. List the key factors need to be included in health history collection from a COPD patient (30 Marks)
  - 5.5. Write five (5) possible nursing diagnosis for a patient with COPD (25 Marks)

**Part C**

6.
  - 6.1.
    - 6.1.1. List five (5) organisms which cause diarrhoeal disease. (10 Marks)
    - 6.1.2. Briefly mention the health talk contents in an area of diarrheal outbreak regarding the preventive methods of the spread of disease (25 Marks)
    - 6.1.3. Write the immunization schedule of Tetanus toxoid for a male adult (15 Marks)
  - 6.2.
    - 6.2.1. List three (3) indications of bone marrow biopsy (15 Marks)
    - 6.2.2. Briefly explain post procedural care of patient undergone for bone marrow biopsy (20 Marks)
    - 6.2.3. List three (3) complications of bone marrow Biopsy (15 Marks)