



UNIVERSITY OF JAFFNA, SRI LANKA
FACULTY OF ALLIED HEALTH SCIENCES

Third Year Second Semester Examination in BScHons (Nursing) - 2020
NURED 3245 EMERGENCY & DISASTER NURSING - PAPER II

Date: 11.11.2022

Time: 2 hours

ANSWER ALL SIX QUESTIONS

Answer Part A & B in separate booklets

Part A

1. A 48 year old man was admitted after collapsing in the field while working. He has rashes all over the body and reports bitten by a wasp.

1.1. Describe how will you assess this patient? (30 Marks)

1.2. List the assessments you will record immediately? (30 Marks)

1.3. List the possible investigations to be performed for this patient (10 Marks)

After the examinations, it was diagnosed as anaphylaxis.

1.4. Briefly describe the next steps in management? (20 Marks)

1.5. What is the specific medication to be administered for this condition? (10 Marks)

2. A 34 years old man is brought to the Emergency department with a history of Road Traffic Accident. The patient is being assessed according to Advanced Trauma Life Support principles.

2.1. Write an important consideration during the airway assessment. (10 Marks)

You have noticed that he is lying in pool of blood in the trolley.

2.2. Describe the immediate steps in managing the bleeding. (15 Marks)

2.3. List five (5) major sites of bleeding in trauma patients. (30 Marks)

The health care team thinks that, he has bled quite a lot and indicated activate massive transfusion.

2.4. Which blood group can be given to this patient immediately? (15 Marks)

The blood pressure is 80/50 mmHg and the pulse rate is 120 bpm.

2.5. What could be the next steps in the management? (30 Marks)

Part B

- 3.
- 3.1. Define 'disaster triage' (20 Marks)
 - 3.2. List the types of disaster (20 Marks)
 - 3.3. Briefly describe the phases of disaster management (30 Marks)
 - 3.4. Briefly explain how the disaster affects the health (30 Marks)
4. A 45-year-old male, was admitted to Emergency department following a road traffic accident. Patient's blood pressure is 90/60mmhg, PR -120bpm, RR - 24 bpm, SPO₂ – 89%. Patient does not show any response during the assessment at emergency department.
- 4.1. Write the ABCDE management of this patient? (25 Marks)
 - 4.2. If the patient's airway is obstructed, List the possible causes of the airway obstruction. (20 Marks)
 - 4.3. Briefly explain the nursing management of the patient, with an airway obstruction. (35 Marks)
 - 4.4. List the oxygen administration devices that can be used to deliver Oxygen for this patient. (20 Marks)
5. A 40-year-old male has been admitted to Emergency department following fall from a 40 m height building. On admission, heavy bleeding was recognized. His GCS – 10, BP – 95/65 mmHg, PR – 115bpm, SPO₂ – 90%, RR – 24bpm. Patient was diagnosed as head injury.
- 5.1. Mention the category of head injury for this patient based on GCS? (10 Marks)
 - 5.2. List the clinical manifestations of head injury. (20 Marks)
 - 5.3. List the Investigations used in diagnosis of head injury. (20 Marks)
 - 5.4. Explain the nursing management of a patient with head injury (30 Marks)
 - 5.5. List the surgical options for a patient following a head injury. (20 Marks)

6. A 57-year-old male lorry driver, admitted to emergency department with a 20-minute episode of diaphoresis and chest pain. The chest pain was central, radiating to the left arm and crushing in nature. The patient is suspected with STEMI.
- 6.1. Write the immediate management of a patient with suspected STEMI. (20 Marks)
- 6.2. List the blood investigations should be carried out for this patient. (20 Marks)
- 6.3. With the investigations, the patient is diagnosed with STEMI,
write the cardiac stat dose should be given to this patient (15 Marks)
- 6.4. Briefly explain the intravenous pain management of this patient (25 Marks)
- 6.5. List the management plan for the stable STEMI patient (20 Marks)

