

THE OPEN UNIVERSITY OF SRI LANKA
DEPARTMENT OF NURSING
ACADEMIC YEAR 2022/2023 – SEMESTER II
BACHELOR OF SCIENCE HONOURS IN NURSING
NGU5207 CRITICAL CARE NURSING - LEVEL 5
FINAL EXAMINATION



Date: 19.09.2023

Time: 1.30PM - 3.30PM

Index Number

Duration: 02 hours

Part B – Short Answer Questions (50 Marks)

Q1:

1.1 Write **two (02)** common risk factors of ischaemic stroke. (4 Marks)

1.2 Write **three (03)** common neurological manifestations of ischaemic stroke. (6 Marks)

(Total=10 Marks)

Q2:

2.1 Write **two (02)** common complications of arteriovenous fistula? (4 Marks)

2.2 Write **three (03)** indications for haemodialysis in acute kidney injury. (6 Marks)

2.3 Write **five (05)** appropriate nursing interventions relevant to a patient receiving haemodialysis. (10 Marks)

(Total=20 Marks)

Q3:

3.1 What is shock? (3 Marks)

3.2 Write **four (04)** causes/mechanisms of shock. (6 Marks)

3.3 What is sepsis? (3 Marks)

3.4 Write **four (04)** appropriate nursing interventions that can be provided to a patient having septic shock. (8 Marks)

(Total=20 Marks)

Part C – Structured Essay Question (30 Marks)

Q1:

Mr. B was admitted to a critical care unit following difficulty in breathing, shortness of breath, with impaired consciousness and drowsiness. The critical care nurse noted on his arterial blood gas analysis when breathing room air that PaCO₂ is 45mmHg, PaO₂ is 60mmHg and pH is 7.32. Mr. B's condition was diagnosed as acute lung failure.

1.1 Briefly describe the pathophysiology of the condition. (4 Marks)

1.2 Write **three (03)** actual nursing diagnoses for this patient's condition. (6 Marks)

1.3 Write **three (03)** potential nursing diagnoses for this patient's condition. (6 Marks)

1.4 Briefly describe **four (04)** nursing interventions that can be implemented to relieve patient's condition. (8 Marks)

1.5 Briefly explain **three (03)** important points for patient and family education relevant to this