



# MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

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## UNIVERSITY EXAMINATIONS 2023/2024

FIRST YEAR, SECOND SEMESTER EXAMINATION FOR DEGREE OF MASTER OF  
SCIENCE IN NURSING

### NNM 7123: ADVANCED HEALTH ASSESSMENT

**DATE: DECEMBER 2023**

**TIME: 3 HOURS**

**INSTRUCTIONS:** Answer all questions in the booklet provided

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#### SECTION ONE: SHORT ANSWER QUESTIONS (25 MARKS)

1. Describe four techniques of physical examination, giving examples of the findings from each technique (10 Marks)
2. Mr SL was transferred from Intensive Care Unit (ICU) where he had been admitted for 24-hour monitoring because he had developed atrial fibrillation. He is a known hypertensive patient and has been on medication. You receive Mr. SL in medical ward as the admitting nurse: Differentiate between a comprehensive and focused health assessment for Mr. SL. (10 Marks)
3. Outline the role of the nurse in health promotion and preventive education for a patient with hypertension (5 Marks)

#### SECTION TWO: LONG ANSWER QUESTIONS (75 MARKS)

1. SABA 42 years male patient is received at the accident and emergency department complaining of severe epigastric pain radiating to the back and a history of haematemesis and melaena.
  - a) Outline further history that you take? (6 Marks)
  - b) Describe the physical examination you will do (8 Marks)
  - c) Explain the diagnostic procedures and tests that may be done (6 Marks)

- d) Discuss the differential diagnosis (5 Marks)
2. Mr. MF 43 years old works in the road construction industry and his main job is to drive heavy stone blasting machinery, where he is exposed to constant loud noise. You meet him in outpatient department where you are working. He tells you that he has been experiencing difficulty in hearing for the last two months, and that is why he has come to seek medical attention.
- a) Describe how you will perform an auditory acuity test and an air and bone conductivity test on Mr. MF (10 Marks)
- b) Outline the information that can be obtained in the assessment of FM including the tests done above (15 Marks)
3. TK is a 54-year-old female who is brought to the Medical Ward where you are the nurse assigned admissions. She has signs of an acute asthmatic attack.
- a) Outline the signs and symptoms FM will have (5 Marks)
- b) Describe the findings of a complete health assessment on FM (10 marks)
- c) What investigations will be conducted (5 Marks)
- d) What health promotion and prevention education will you give Mrs FM on discharge (5 Marks)