

BINDURA UNIVERSITY OF SCIENCE EDUCATION

FACULTY OF SCIENCE AND ENGINEERING

DEPARTMENT: HEALTH SCIENCES

**PROGRAMME: BACHELOR OF SCIENCE HONOURS DEGREE IN NURSING SCIENCE
(NURSING EDUCATION)**

COURSE CODE: NS 205 (1): MEDICAL SURGICAL NURSING

DURATION: THREE HOURS

TOTAL MARKS: 100

INSTRUCTIONS

Answer All questions. Each question carries 25 marks

NOV 2024

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1. A 25 year old man is admitted with suspected pneumonia.
 - a) Draw a well labelled diagram of the lower respiratory tract. (6 marks)
 - b) Describe the pathophysiology of pulmonary TB. (10 marks)
 - c) Describe the nursing interventions that could be implemented for this patient using the following nursing diagnosis
 - i) Ineffective airway clearance (9 marks)
 2.
 - a) Define stress. (2 marks)
 - b) Explain how the body responds to stress according to Hans Selye. (15 marks)
 - c) Explain the clinical manifestations of stress (8 marks)
 3. A 58 year old woman is admitted for thyroidectomy for nontoxic goitre.
 - a) Explain the clinical manifestations of thyrotoxicosis. (10 marks)
 - b) Formulate two prioritised nursing diagnoses for this patient following thyroidectomy. (2 marks)
 - c) Draw a post-operative nursing care plan and manage this patient within 24 hours using one priority nursing diagnosis. (13 marks)

4. An 8 year old child is diagnosed with Acute Lymphoblastic leukaemia.
- a) Explain the pathophysiology of leukaemia (8 marks)
 - b) Outline the clinical manifestations (5 marks)
 - c) Describe the nursing interventions that could be implemented in the management of this child using one priority nursing diagnosis (12 marks)

END OF PAPER