

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

SECOND YEAR EXAMINATION FOR MASTER OF SCIENCE IN NURSING

NUMS 845: HEMATOLOGICAL NURSING (MEDICAL SURGICAL)

STREAMS: Y2S2

TIME: 3 HOURS

DAY/DATE : WEDNESDAY 18/11/2020

11.30 AM – 2.30 PM

INSTRUCTIONS:

1. Answer all the questions.
2. Write your answers legibly.

QUESTION ONE

A 29-year-old man reports to the health facility with a sore throat, malaise, bone and joint pains that have worsened recently. Examination shows pallor, moderate wasting, few bruising marks, cervical lymphadenopathy and splenomegaly. The blood pressure is 108/81 mmHg and temperature is 38.1⁰ C. The patient is suspected to have a hematological disorder:

- a) Outline four (4) diagnostic test plans for the above patient indicating their specific uses. [12 Marks]
- b) Describe the additional history the nurse would gather from the above patient giving rationales. [7 Marks]
- c) Explain the potential causes of the following signs in the above patient:
 - i. Splenomegaly. [3 Marks]
 - ii. Fever [3 Marks]

QUESTION TWO

Discuss Hodgkin's lymphoma under the following subheadings:

- a) Definition [2 Marks]
- b) Clinical manifestations. [6 Marks]
- c) Standard laboratory investigations [5 Marks]
- d) Collaborative management [12 Marks]

QUESTION THREE

Iron deficiency anemia is one of the common anemias seen in adults:

- a) Describe four (4) causes of iron deficiency anemia in adults. [16 Marks]
- b) Explain the specific management of any three common causes of iron deficiency anemia describe above. [9 Marks]

QUESTION FOUR

Describe the causes, clinical presentation and medical management of following hematological disorders:

- a) Polycythemia Vera. [10 Marks]
 - b) Multiple myeloma. [8 Marks]
 - c) Thrombocytopenia [7 Marks]
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