

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**FOURTH YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN  
NURSING**

**NURS 444: ONCOLOGY NURSING**

**STREAMS:**

**TIME:2 HOURS**

**DAY/DATE: THURSDAY 13/04/2023**

**8.30 A.M. –10. 30 A.M.**

---

1. The following cancers most commonly spread to the spinal cord except
  - a) prostate,
  - b) breast
  - c) Rhabdomyosarcoma
  - d) lung
2. The following is true about tumor lysing syndrome (TLS) except.
  - a) Happens when cells in your body break down too quickly
  - b) Can be caused by cancer or its treatments
  - c) Can lead to cancer
  - d) Causes chemicals and electrolytes in your body to get out of balance
3. Bone cancer is a type of cancer classified as:
  - a) Osteoma
  - b) Carcinoma
  - c) Melanoma
  - d) Sarcoma

4. The female client who has been receiving radiation therapy for bladder cancer tells the nurse that it feels as if she is voiding through the vagina. The nurse interprets that the client may be experiencing:
  - a) Rupture of the bladder
  - b) The development of a vesicovaginal fistula
  - c) Extreme stress caused by the diagnosis of cancer
  - d) Altered perineal sensation as a side effect of radiation therapy
5. Chemotherapy is contraindicated to which of the following conditions?
  - a) Recent surgery
  - b) Pregnancy
  - c) Bone marrow depression
  - d) All of the above
6. The following are characteristics of benign tumor
  - a) Metastasis
  - b) Don't Infiltrates surrounding tissues
  - c) Angiogenesis is common
  - d) Poorly differentiated cells
7. Which of the following represents the most appropriate nursing intervention for a client with vomiting caused by cancer or the treatments?
  - a) Administration of antihistamines
  - b) Steroids
  - c) ondansetron
  - d) Buscopan
8. A state where chemotherapy may be combined with surgery or radiation destroying any remaining tumor cells post operatively is referred to as
  - a) Palliation
  - b) Neoadjuvant
  - c) Adjuvant
  - d) Brachytherapy
9. One of the following is an example of antimetabolite except
  - a) Capecitabine,

- b) Cytarabine,
  - c) Cyclophosphamide
  - d) Methotrexate
10. The following is true about brachytherapy apart from
- a) Is also known as internal radiotherapy
  - b) Radioactive containers are placed into the tumour or into a body cavity close to the tumor
  - c) Possible to deliver a high dose of radiation to a small area
  - d) Useful in leukaemia treatments
11. Cancer Staging is based upon the following except
- a) The presence of a primary tumor
  - b) Involvement in lymph nodes
  - c) Resemblance to normal cells
  - d) Appearance of metastasis
12. One of the following methods is used to do cancer staging
- a) Surgery
  - b) Histopathology
  - c) Ultrasound scan
  - d) Metastatic
13. The following are approaches of cancer treatment except
- a) Surgery
  - b) Radiation therapy
  - c) Chemotherapy
  - d) Exchange transfusion
14. The following are cancer complication except.
- a) Infection
  - b) Septic shock,
  - c) Nausea and vomiting
  - d) Hemorrhage
15. Which of the cancer is the commonest in Kenya among women in Kenya;
- a. Ovary

- b. Cervix
  - c. Kaposi's sarcoma
  - d. Oesophagus
16. Wilm's tumor is also known as?
- a) Burkitts lymphoma.
  - b) Pheochromocytomas
  - c) Nephroblastoma
  - d) Colorectal cancer
17. Indicate whether true or false
- a) Administer calcitonin in hypercalccemia
  - b) Hyponatremia is common in SIADH
  - c) Hypercalcium is in osteoma
  - d) Administer intravenous fluid in SIADH

**PART II: SHORT ANSWER QUESTIONS: 30 MARKS**

- 1. Describe the pathophysiology of malignant process (5 marks)
- 2. State metastatic mechanism of malignant cells (3 marks)
- 3. State the screening modality for prostate cancer (2 marks)
- 4. State the naming of malignant tumour according to the cell type of origin giving relevant example (5marks)
- 5. Explain two forms of cancer preventions (5 marks)
- 6. State four phase of chemotherapy (4 marks)
- 7. Explain different ways of administering radiotherapy (6 marks)

**PART III: LONG ANSWER QUESTION: CHOOSE ONE QUESTION. (20 MARKS)**

1. Mr x was diagnosed with Hodgkin lymphoma and he was scheduled for radiotherapy.
- a) Define radiotherapy. (1mark)
  - b) State four indications for radiotherapy (4 marks)
  - c) Outline Safety precautions for the patient and family who have patients with radioactive iodine treatment. (5 marks)
  - d) Formulate four nursing diagnosis for mr X and intervene with appropriate rationale (10 marks)

1. Discuss five strategies for prevention and control of cancer

(20 marks)

-----