

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

FOURTH YEAR EXAMINATION FOR THE AWARD OF DEGREE  
OF BACHELOR OF SCIENCE (NURSING)

NURS 444: ONCOLOGY NURSING

STREAMS: BSC (NURS) Y4S1

TIME: 2 HOURS

DAY/DATE: TUESDAY 05/12/2017

8.30 A.M. – 10.30 A.M.

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INSTRUCTIONS:

**MULTIPLE CHOICE QUESTIONS (20 MARKS)**

1. Which of the following laboratory values is expected for a client just diagnosed with chronic lymphocytic leukemia?
  - A Elevated sedimentation rate
  - B Uncontrolled proliferation of granulocytes
  - C Thrombocytopenia and increased lymphocytes
  - D Elevated aspartate aminotransferase and alanine aminotransferase levels.
2. The client with a benign lung tumor is treated in which of the following ways?
  - A The tumor is treated with radiation only.
  - B The tumor is treated with chemotherapy only.
  - C The tumor is left alone unless symptoms are present.
  - D The tumor is removed, involving the least possible amount of tissue.
3. The client with cancer is receiving chemotherapy and develops thrombocytopenia. The nurse identifies which intervention as the highest priority in the nursing plan of care?
  - A Ambulation three times a day
  - B Monitoring temperature
  - C Monitoring the platelet count
  - D Monitoring for pathological factors
4. A child is seen in the pediatrician's office for complaints of bone and joint pain. Which of the following other assessment findings may suggest leukemia?
  - A Abdominal pain
  - B Increased activity level
  - C Increased appetite
  - D Petechiae

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5. The nurse is reviewing the laboratory results of a client receiving chemotherapy. The platelet count is 10,000 cells/mm. Based on this laboratory value, the priority nursing assessment is which of the following?
  - A Assess level of consciousness
  - B Assess temperature
  - C Assess bowel sounds
  - D Assess skin turgor
6. A nurse is providing education in a community setting about general measures to avoid excessive sun exposure. Which of the following recommendations is appropriate?
  - A Apply sunscreen only after going in the water.
  - B Avoid peak exposure hours from 9am to 1pm
  - C Wear loosely woven clothing for added ventilation
  - D Apply sunscreen with a sun protection factor (SPF) of 15 or more before sun exposure.
7. According to a standard staging classification of Hodgkin's disease, which of the following criteria reflects stage II?
  - A Involvement of extralymphatic organs or tissues
  - B Involvement of single lymph node region or structure
  - C Involvement of two or more lymph node regions or structures.
  - D Involvement of lymph node regions or structures on both sides of the diaphragm.
8. Which of the following represents the most appropriate nursing intervention for a client with pruritis caused by cancer or the treatments?
  - A Administration of antihistamines
  - B Steroids
  - C Silk sheets
  - D Medicated cool baths
9. The community nurse is conducting a health promotion program at a local school and is discussing the risk factors associated with cancer. Which of the following, if identified by the client as a risk factor, indicates a need for further instructions?
  - A Viral factors
  - B Stress
  - C Low-fat and high-fiber diets
  - D Exposure to radiation
10. Which of the following is the reason to perform a spinal tap on a client newly diagnosed with leukemia?
  - A To rule out meningitis
  - B To decrease intracranial pressure
  - C To aid in classification of the leukemia
  - D To assess for central nervous system infiltration

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11. Which of the following clients is most at risk for developing multiple myeloma?
  - A A 20-year-old Asian woman
  - B A 30-year-old White man
  - C A 50-year-old Hispanic woman
  - D A 60-year-old Black man
  
12. Which of the following tests is performed on a client with leukemia before initiation of therapy to evaluate the child's ability to metabolize chemotherapeutic agents?
  - A Lumbar puncture
  - B Liver function studies
  - C Complete blood count (CBC)
  - D Peripheral blood smear
  
13. Parents of pediatric clients who undergo irradiation involving the central nervous system should be warned about postirradiation somnolence. When does this neurologic syndrome usually occur?
  - A Immediately
  - B Within 1 to 2 weeks
  - C Within 5 to 8 weeks
  - D Within 3 to 6 months
  
14. If the client with lung cancer also has preexisting pulmonary disease, which of the following statements best describes how the extent of that can be performed?
  - A It doesn't affect it.
  - B It may require a whole lung to be removed.
  - C The entire tumor may not be able to be removed
  - D It may prevent surgery if the client can't tolerate lung tissue removal.
  
15. The nurse is instructing the client to perform a testicular self-examination. The nurse tells the client:
  - A To examine the testicles while lying down.
  - B The best time for the examination is after a shower
  - C To gently feel the testicle with one finger to feel for a growth
  - D That testicular examination should be done at least every 6 months.
  
16. When a client has a lobectomy, what fills the space where the lobe was?
  - A The space stays empty.
  - B The surgeon fills the space with gel
  - C The lung space fills up with serous fluid
  - D The remaining lobe or lobes overexpand to fill the space.

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17. Which of the following statements is correct about the rate of cell growth in relation to chemotherapy?
- A Faster growing cells are less susceptible to chemotherapy.
  - B Non-dividing cells are more susceptible to chemotherapy
  - C Faster growing cells are more susceptible to chemotherapy
  - D Slower growing cells are more susceptible to chemotherapy.
18. A 36-year-old man with lymphoma presents with signs of impending septic shock 9 days after chemotherapy. The nurse could expect which of the following to be present?
- A Flushing, decreased oxygen saturation, mild hypotension
  - B Low-grade fever, chills, tachycardia
  - C Elevated temperature, oliguria, hypotension
  - D High-grade fever, normal blood pressure, increased respirations
19. Giving instructions for breast self-examination is particularly important for clients with which of the following medical problems?
- A Cervical dysplasia
  - B A dermoid cyst
  - C Endometrial polyps
  - D Ovarian cancer
20. A client has been diagnosed with lung cancer and requires a wedge resection. How much of the lung is removed?
- A One entire lung
  - B A lobe of the lung
  - C A small, localized area near the surface of the lung
  - D A segment of the lung, including a bronchiole and its alveoli

### SHORT ANSWER QUESTIONS (30 MARKS)

1. List 4 physical agents involved in etiology of cancer **(2 marks)**
2. Outline 4 general medical modalities in management of cancer **(4 marks)**
3. Nurses play key roles in promotive and preventive nursing management of cancer.  
Discuss 4 key thematic areas the nurse should be involved **(8marks)**
4. Describe the pathophysiology of colon cancer **(8 marks)**
5. Explain 4 principles applied in prevention and control of cancer **(8 marks)**

**LONG ANSWER QUESTIONS (20 MARKS)**

1. MrsKee is admitted in the ward and a diagnosis of breast cancer is made and booked for mastectomy.
    - a) Enumerate 5 factors determining the diagnostic approach to this condition **(5 marks)**
    - b) Describe the management of MrsKee from admission till discharge **(15 marks)**
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