



**AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF MEDICAL SCIENCES
DEPARTMENT OF NURSING AND MIDWIFERY SCIENCES
BACHELOR OF SCIENCE IN NURSING (BSN)
September-December 2024 TRIMESTER MAIN EXAMINATION**

COURSE CODE AND TITLE: BSN412 -Medical Surgical V And Vi

DATE:

TIME: 2 HOURS

START: 9:00AM

END: 11:00AM

Instructions

- 1) This exam is out of 70
- 2) This paper has three sections: Section I: Multiple choice Questions (MCQ) (20 marks), Section II: Short answer questions (SAQ) (30 marks) and Section III: Long answer question (LAQ) (20marks)
- 3) Answer **ALL** questions in Section I and Section II and III
- 4) Answer all the questions in the examination booklets provided
- 5) Any rough work to be done at the back of the answer booklet

SECTION I: Multiple Choice Questions (20 MARKS)

1. The nurse is teaching a group of individuals in the community about cancer warning signs.

The following is not a cancer warning sign and should not be included in the teaching?

- A. A change in bowel habits
 - B. Difficulty in swallowing
 - C. Unexplained weight gain
 - D. Nagging hoarseness
2. The following statements is true ;-
- A. Carcinoma is usually more serious than a sarcoma
 - B. Carcinoma indicates that the tissue involved is epithelial such as gastrointestinal tract; sarcoma indicates that the tissue involved is connective tissue such as bone
 - C. Carcinoma is a malignancy that usually appears early in life whereas individuals who develop a sarcoma of any type are usually older
 - D. Carcinoma are not as likely as sarcoma to metastasize to distant sites
3. The statement that best describes hospice care is;-
- A. Care that provides comfort and support to patients who are near the end of life and their families
 - B. Care provided to patients with chronic conditions at any stage of the disease
 - C. Care that provides a temporary relief for the primary caregiver to take a break from routine demands of care giving
 - D. Care provided to patients with chronic conditions while continuing with active treatment
 - E. Awareness of the patient's and/or family's concerns regarding prognosis
4. The following is TRUE regarding the interdisciplinary healthcare team involved in palliative care;-
- A. A social worker is not usually part of the team
 - B. The members of the team are the same across palliative care settings
 - C. Team members' roles should be communicated to the patient and family
 - D. The patient's primary care physician is not usually a member of the team
5. The following are key elements of palliative care EXCEPT;-
- A. Pain and symptom management
 - B. Having patient draft Do Not Resuscitate (DNR) order
 - C. Psychological and spiritual support
 - D. Co-ordination of care
6. When should a child be offered palliative care;-
- A. As long as the child's family can afford palliative care services
 - B. When the child has been referred to a hospice
 - C. After the doctor has informed child's family that curative treatment is no longer feasible
 - D. Alongside curative treatment from the time of diagnosis of a life-threatening

- or life-limiting illness
7. . The following is a benign tumour;-
 - A. leukemia
 - B. Adenocarcinoma
 - C. osteoma
 - D. Leiomyosarcoma
 8. . Tumor markers are important in oncology care, EXCEPT ;-
 - A. Screening and identifying individuals at risk of some cancers
 - B. Forming part of the treatment regimen against some cancers
 - C. Aids in diagnosis of some specific type of cancer
 - D. Helps in follow-up care
 9. The home-based care nurse is nursing a client with cancer who is complaining of acute pain. The most appropriate determination of the client's pain should include;-
 - A. The client's pain rating
 - B. Nonverbal cues from the client
 - C. The nurse's impression of the client's pain
 - D. Pain relief after appropriate nursing intervention
 10. The ability of malignant cells to form blood vessels and access vascular network for oxygen and nutrients is termed as;-
 - A. Metastasis
 - B. hematogenesis
 - C. Tumor angiogenesis
 - D. Tumorigenesis
 11. Benign tumor;
 - A. Invade adjacent tissues
 - B. Rate of growth depends on level of differentiation
 - C. Is usually encapsulated
 - D. Common at descending colon.
 12. 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
 13. 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
 14. The following methods is used to do cancer staging ;-
 - A. MRI
 - B. Histopathology

- C. Ultrasound scan
 - D. Metastatic
15. Oncovirus like hepatitis B and HPV that cause human cancer are examples of;-
- A. RNA VIRUS
 - B. DNA VIRUS
 - C. PRIONS
 - D. All of the above
16. . Any form of loss may precipitate
- A. Bereavement
 - B. Grief
 - C. Mourning
 - D. Actual loss
17. The main role of the government in the care of the aged includes:
- A. Encouraging early retirement for all individuals
 - B. Creating policies and programs to support elderly care and services
 - C. Limiting medical care access for older adults
 - D. Shifting responsibility to private organizations
18. The diagnostic procedure that uses sound waves to create images of the heart is;-
- A. Computed Tomography (CT) scan
 - B. Echocardiography
 - C. Angiography
 - D. X-ray
19. The critical aspect of infection control in the ICU is;-
- A. Frequent patient repositioning
 - B. Administering broad-spectrum antibiotics
 - C. Sterile technique for invasive procedures
 - D. Continuous cardiac monitoring
20. The normal range for central venous pressure (CVP)?
- A. 1–8 mmHg
 - B. 8–12 mmHg
 - C. 12–20 mmHg
 - D. 20–30 mmHg

SECTION II: SHORT ANSWER QUESTION

(30 MARKS)

1. Explain five (5) phases of grieving according to Kubler Ross (10 Marks)
2. State five (5) characterizes of a WILL (5 Marks)
3. State five (5) characteristic of the elderly (5 Marks)
4. State five (5) ethical principles of ICU care (5 Marks)
5. Discuss two (2) types of peritoneal dialysis (5 Marks)

SECTION III:LONG ANSWER QUESTION (20 MARKS)

1. Cancer is the leading cause of death in developing countries;-
 - a) Differentiate between primary and second prevention of cancer (2 Marks)
 - b) Explain four(4) Classification of a malignant tumors on the basis of their origin with examples. (8 Marks).
 - c) Describe TNM staging system of cancer (10 Marks)

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