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| Subject: fundamental of nursing | Year 2022-2023 |
| **First year : 1st level** |  |
| Total Marks: 100 marks | Date : 4/ 1 /2023 |
| Dr. Hayat Mohamed – DrElhaga eldosoky – DrElsaida Gamal | Time allowed: 3 hours |

**“ALL Questions should be answered”. نموذج ( أ )**

**Part І ( 30 Mark)**

**Read the following statement carefully, then circle (T) if statement is true and (F) if the statement is false.**

|  |  |  |
| --- | --- | --- |
| 1 | A pulse oximeter can be used to determine pulse rate in all situations. | (T) (F) |
| 2 | Nosocomial infection is which occurs 48 hours after hospitalization | (T) (F) |
| 3 | Induced hypothermia, occurs as a result of exposure to a cold environment | (T) (F) |
| 4 | the normal range for respirations is 12-20 b/m | (T) (F) |
| 5. | Core temp is the measure of the subcutaneous tissue and fat | (T) (F) |
| 6 | Low-pitched wheezes are polyphonic sounds that can be cleared when coughing | (T) (F) |
| 7 | Asepsis is the absence of pathogenic microorganisms. | (T) (F) |
| 8 | The inflammatory response is a protective mechanism that responds to an invading foreign protein | (T) (F) |
| 9 | Alcohol-based hand sanitizers should be available on both the soiled and clean sides and are sufficient for the removal of microorganisms. | (T) (F) |
| 10 | For linen to cause indirect transmission of an infectious agent, an individual must have handled the contaminated linen. | (T) (F) |
| 11 | Wearing gloves eliminates the need to wash hands. | (T) (F) |
| 12 | The nurse can actually not feel a pulse if you press too hard when searching. | (T) (F) |
| 13 | Disinfection kills all organisms | (T) (F) |
| 14 | Exogenous infection, it is mean the self-infection | (T) (F) |
| 15 | Articles cannot be disinfected or sterilized unless they are clean first. | (T) (F) |
| 16 | Professional nurse could work at day care centers. | (T) (F) |
| 17 | Technology is one of factors which contributes the health system. | (T) (F) |
| 18 | Physical examination of abdomen, the normal finding through percussion is dull | (T) (F) |
| 19 | Toddler can control defecation from 2-3 years old | (T) (F) |
| 20 | During physical examination of bowel. Hyperactive means decrease intestinal motility | (T) (F) |
| 21 | Nutrients divided into energy nutrients and regulatory nutrients. | (T) (F) |
| 22 | Systematic approach to risk management for safety includes assessment, plan, implement, and evaluation | (T) (F) |
| 23 | Potential hazards in safe nursing practice need to be identified, assessed, controlled via careful planning & implementation | (T) (F) |
| 24 | The definition of a hazard is potential to cause safe. | (T) (F) |
| 25 | Diagnostic purpose of drug administration is to identify the health | (T) (F) |
| 26 | Right to refuse medication is in which the patient must agree on any medication. | (T) (F) |
| 27 | Prophylaxis purpose of drug administration is to prevent the occurrence of disease | (T) (F) |
| 28 | The older adult (60 years of stage and older) sleeps approximately one fourth of the time or less . | (T) (F |
| 29 | Right evaluation in which some medications require specific assessment before their administration, | (T) (F |
| 30 | Right assessment for drug administration conduct assessment to ascertain drug action, both desired an side effect | (T) (F |

**Part ІI ( 30 Mark)**

**Read the following statement carefully, and then choose one answer.**

**1. Thermoregulation is the process of maintaining a stable temperature in the body controlled by the ---------------------------**

1. Hypothalamus
2. Sympathetic nervous system
3. Parasympathetic nervous system
4. Medulla

**2. The body produces heat through the ---------------**

1. Conduction
2. Convection
3. Radiation
4. noshivering thermogenesis

**3. Which of the following is low-pitched, the continuous gurgling sound caused by secretions in the large airways? They often clear with coughing**

1. Wheezes
2. Rhonchi
3. Stridor
4. Crackles

**4. Which of the following is where bronchial breath sounds can be auscultated?**

* 1. Peripheral lung fields
  2. Sternal area
  3. Mid-scapulae area
  4. Tracheal area

**5. These types of breath sounds are found at the site of the bronchi and are located anteriorly at the 1st and 2nd intercostal space & posteriorly in between the scapulae**

* 1. Crackles
  2. Wheezes
  3. Bronchovesicular
  4. Vesicular

**6. These breath sounds are found anteriorly and posteriorly throughout the peripheral lung fields?**

* 1. High-pitched wheezes
  2. Vesicular
  3. Discontinuous
  4. Bronchial

**7. A nurse is teaching a new nursing assistant about ways to prevent the spread of infection. Included in the instruction would be that the cycle of the infectious process must be broken, which may be accomplished primarily through:**

1. Hand washing before and after providing client care.
2. Thoroughly cleaning the environment.
3. Wearing infection control-approved protective equipment when providing client care.
4. Using medical and surgical aseptic techniques at all times.

**8. A client has an infection that is spread through droplets. Which of the following is essential for the nurse to use when taking this client’s temperature?**

1. Gloves
2. Goggles
3. A gown
4. A mask

**9. The Chain of Infection is a model of:**

1. How bacteria multiply
2. How microorganisms mutate to become pathogens
3. How pathogenic microorganisms are transmitted from one person to another
4. How infections can be prevented

10. **When someone coughs, sneezes, or we come in direct contact with contaminated fluids. In the chain of infection, what link is this?**

1. Reservoir
2. Mode of Transmission
3. Portal of Entry
4. Portal of Exit

**11. A person who lacks immunity to the cold or flu virus because of age, medication, or general health status. What chain of infection link are we discussing?**

1. Etiologic agent
2. Susceptible host
3. Model of transmission
4. disease carrier

**12. Pick the most appropriate definition of vital signs.**

1. Signs and symptoms of a disease.
2. An indication of basic body functioning.
3. A part of human composition
4. Physiology and anatomy

**13. A client states, “I feel so breathless all the time.” Which of the following terms should the nurse use to accurately document the client experience?**

1. Hypoventilation
2. Laboured breathing
3. Dyspnea
4. Orthopnea

**14. Which of the following is a factor that can cause body temperature to increase more than the normal reading?**

1. Infection
2. Oversleeping
3. Excessive eating
4. Excessive drinking

**15. In the chain of infection, the term "susceptible host" refers to:**

1. An individual who has not performed hand hygiene.
2. An individual who is immune compromised
3. An individual who did not utilize PPE
4. The individual who hosts the reservoir.

**16. ……………… evaluates the effectiveness of nursing care administrated.**

a-Nurse communicator

b- Nurse care giver

c- Nurse manger

d- Nurse counselor

**17- Nurse who have three years of experience at intensive care unit, this specialized area is**

a- Critical care nursing

b- Infection control

c-Quality assurance

d-Nursing administration

**18-Non clinical nursing jobs includes**

a- Nursing informatics

b-Nursing administrator

c-Pediatrics nursing

d-Family nursing

**19- ………………. gives, provide care to patient during aircraft transportation**

a-Flight nurse

b-Infection control nurse

c- Nurse researcher

d- Primary health care nurse

**20- Patient who have issues related to occupation, which affects health status needs**

a-Physician

b-Nurse practioner

c- Psychiatrist

d- Social worker

**21-……………..provides care to mothers and female young patients**

a-Family nurse

b-Women health nurse

c-Geriatric nurse

d- Adult nurse

**22- When person can provides self-recreations that means he has ………..**

a-Social health

b-Mental health

c-Spiritual health

d-Emotional health

**23- preventative measures leads to limit disability is**

a-Primary prevention

b-Secondary prevention

c-Tertiary prevention

d-Health promotion

**24-The term mortality refers to**

a-Illness

b-Chronic disease

c-Wellness

d-Death

**25-Fatige is classified as**

a-Acute disease

b- chronic disease

c-Illness

d- Wellness

**26 ……………..the type of food which decrease constipation**

**a-**Cabbage

**b**-Parsley

**c**-Rice

**d**-Bread

**27 –Gastrointestinal bleeding caused by ……………drugs**

a-Iron salts

b- Antiacids

c-Antibiotics

d-Anticoagulants

28- **……………. phycological concepts refers to how strongly people believes they have control over situation and experiences that affects their lives.**

1. Life style
2. Locus of control
3. Health believes
4. Self esteem

**29- Causes temporary cessation of peristalsis.**

a-Pain

b-Anastasia

c-Surgery

d-Medication

30- **Nurse………….. secures care for patients and protects the legal of human rights**

a-Advocates

b-Leader

c-Counselor

d-Educator

**- Part III . Matching one word from column (A) to one word from column (B)( 10 Marks)**

**Q1**

|  |  |  |
| --- | --- | --- |
| **(B)** | **(A)** | **Answers** |
| **a-** The likelihood of harm prevention. | 1-Sublingual Administration is |  |
| **b**-Injection into the dermis just under the epidermis. | 2 – Intradermal Injection is |  |
| **c**-Some medications are readily absorbed when placed under the tongue to dissolve. |  |  |

**Q2.**

|  |  |  |
| --- | --- | --- |
| **Answer** | **(B)** | **(A)** |
|  | 3 – Sleep apnea is | **A-** the chronic inability to sleep or to remain a sleep may be physical, psychologic causes. |
|  | 4 -Somnambulism or | **B-** the abnormal inability to control urination, especially in bed at night. |
|  | 5 - Enuresis is | **C-** sleepwalking, is a condition characterized by complex motor activity  The likelihood of harm occurring surrounding lung tissue. |
|  | 6- Insomnia is | **D**-the absence of respiration and may occur one to several times during sleep, most often during NREM sleep. |

**Q3**

|  |  |  |
| --- | --- | --- |
| **Answers** | **(B)** | **(A)** |
|  | 7 -Fats provide | **A-**medium necessary for all chemical reactions work as solvent aid in digestion, absorption, excretion, circulation |
|  | 8 - Protein necessary for | **B-**regulate body process provide structure within the body |
|  | 9 - Minerals | **C-**tissue growth and repair component of muscle, bones, blood, hormones enzymes. |
|  | 10 - Water provide | **D-**energy and important in maintaining the health and structure of all body cells |

**Part VI . Complete the following ( 15 marks)**

**1. Mention 5 Importance of sleep:**  (**5 Marks)**

1. ………………………………………………………………………………
2. ………………………………………………………………………………
3. ………………………………………………………………………………
4. ………………………………………………………………………………
5. ………………………………………………………………………………

**.2. List 5 Factors Affecting Nutrition (5 Marks)**

1. ………………………………………………………………………………
2. ………………………………………………………………………………
3. ………………………………………………………………………………
4. ………………………………………………………………………………
5. ………………………………………………………………………………

**3.What are the 5 issues of Safe Nursing Practice.? (5 Marks)**

1. ………………………………………………………………………………
2. ………………………………………………………………………………
3. ………………………………………………………………………………
4. ………………………………………………………………………………
5. ……………………………………………………………………………

**Part V ( 15 marks)**

**Answer the following questions**

**1. List this medical asepsis practices performed to prevent the spread of infection.**

**2-Mention all indicators of wellness. (5 Marks)**

**3-Discuss measures to promotes bowel elimination ( 5 Marks )**

**Best wishes**

**Dr. Hayat Mohamed- Elsaida gamal**

**Elhaga eldosoky**