



All India Institute of Medical Sciences, Kalyani
B.Sc. OTT First Year Final Examination, August 2024

Time: 3 Hrs.

Basics of Nursing Care

Marks: 100

INSTRUCTIONS:

- Answer Basics of Nursing Care Section A & B in separate answer booklets.
- Draw diagram wherever necessary

SECTION-A

Brief Answer Questions:

(8×5=40)

1. Care of critically ill patients (5)
2. Environment safety devices (5)
3. Method of Data collection (5)
4. a. Define first aid? (2)
b. Enumerate on triage? (3)
5. a. Define post operative phase? (2)
b. Explain in detail about post operative care? (3)
6. a. What is bio medical waste management? (2)
b. How is biomedical waste management done? (3)
7. Vital signs (5)
8. a. Define oxygen therapy? (2)
b. Enumerate in detail about airway management? (3)

SECTION-B

Long Answer Questions:

(4×10=40)

1. Define Hospital Acquired Infections (HAI). Describe the chain of infection with neat labelled diagram. Explain the various infection control measures in hospital. (2+3+5)
 2. Describe in detail about the professional values? (10)
 3. Define communication. Explain the elements of communication. Describe the various barriers of professional interpersonal relationship. (2+4+4)
 4. Define primary assessment? Enumerate types of assessment? Explain the various components of primary assessment? (2+3+5)
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Enrollment No. _____

Invigilator sign: _____

SECTION C (Basics of Nursing Care)

INSTRUCTIONS:

- Section C (Basics of Nursing Care) should be answered in first 20 minutes of the Exam duration and handed over to the invigilators.
- Put one Tick (✓) mark to only one answer that you consider correct for each question.
- Mark your Tick (✓) in pen.

Multiple Choice Questions (MCQs):

[20x1=20]

1. Which of the following type of wound in which superficial layer of the skin is torn off?
 - a. Abrasion
 - b. Puncture wounds
 - c. Avulsion
 - d. Contusion
2. Which of the following assessment is carried out in life threatening situations?
 - a. Initial assessment
 - b. Focused assessment
 - c. Emergency assessment
 - d. On-going assessment
3. The colour coding for oxygen cylinder is
 - a. Black
 - b. Black with white shoulders
 - c. Light blue
 - d. Gray
4. The healing phase which continues for almost 3-6 days and includes hemostasis and phagocytosis is known as:
 - a. Granulation phase
 - b. Inflammatory phase
 - c. Hemostasis phase
 - d. Maturation phase
5. The size of pink colored IV cannula is
 - a. 16
 - b. 18
 - c. 20
 - d. 22
6. The t wave in ECG indicates
 - a. Atrial depolarization
 - b. Atrial repolarization
 - c. Ventricular depolarization
 - d. Ventricular repolarization
7. Contaminated plastic waste is discarded in
 - a. Red bags
 - b. Yellow bags
 - c. Black bags
 - d. White containers
8. The most common site of hospital acquired infection (HAI) is
 - a. Surgical site
 - b. Urinary tract
 - c. Blood stream infection
 - d. Respiratory tract
9. The main goal in the care of patients in the post anaesthetic care unit (PACU) is
 - a. Prevent infection
 - b. Prevent aspiration
 - c. Promote wound care
 - d. Promote nutritional care
10. Which is the example of one-way communication?
 - a. Class lecture
 - b. Conference
 - c. Group discussion
 - d. Workshop
11. Most important aspect of hand washing is _____?
 - a. Time
 - b. Surface tension
 - c. type of soap
 - d. Friction
12. Response from a receiver to sender is known as?
 - a. Message
 - b. Feedback
 - c. Context
 - d. Stimulus

13. Normal respiratory rate of human being is?

- a. 12-15 per minute
- b. 15-18 per minute
- c. 22-25 per minute
- d. 20-24 per minute

14. Temperature regulation is under the control of ___?

- a. Hypothalamus
- b. Pituitary gland
- c. Lungs
- d. Pineal gland

15. Equipment used to measure the oxygen saturation is ___?

- a. Billy blanket
- b. Ophthalmoscope
- c. Pulse oximeter
- d. Goniometer

16. What is the recommended flow rate of oxygen via nasal cannula?

- a. 1-4 L/min
- b. 4-7 L/min
- c. 3-6 L/min
- d. 6-8 L/min

17. Patient recovering from general anesthesia should be positioned in ___?

- a. Supine position
- b. Trendlenburg position
- c. Fowler's position
- d. Side lying position

18. Isotonic solution among the following is ___?

- a. 0.33% NS
- b. Dextran
- c. 0.9% NS
- d. 50% Dextrose

19. In the immediate post-operative period, interventions are directed to prevent which of the following respiratory complication?

- a. Atelectasis
- b. COPD
- c. Emphysema
- d. ARDS

20. Universal precautions are the infection control techniques that were recommended in following ___ condition

- a. AIDS
- b. Diabetes
- c. Cancer
- d. Hypertension