

BACHELOR OF SCIENCE (CARDIOVASCULAR TECHNOLOGY) (CBCS - 2020 COURSE)
B. Sc. (Cardiovascular Technology) Sem - I : WINTER- 2022
SUBJECT : PRINCIPLES OF NURSING

Day : Friday

Time : 10:00 AM-12:00 PM

Date : 20-01-2023

W-23324-2022

Max. Marks : 10

N.B.:

- 1) There are **TWO** sections as:
Section – A – Objectives Type Questions = 10 marks.
Section – B – Long Answer Questions = 30 marks.
- 2) Section – A is given on **SEPARATE** sheet and has to be answered on same sheet. This sheet should be completed within the first **20** minutes of starting of the examination. This sheet with Section A only will be collected by Supervisor.
- 3) You have to make such kind of mark in the box of the appropriate answers.
- 4) There is no negative marking.

Seat No. _____

SECTION – A

MCQs:

[10 × 2 = 20]

1. Factors affecting oxygenation **EXCEPT**:
 - a) Physiological
 - b) Physical
 - c) Lifestyle
 - d) Environmental factors
2. Objective data means
 - a) Data written in file
 - b) Data available in computer
 - c) Observation by health care person
 - d) Information given by patient
3. When a joint is twisted or stretched beyond its normal range of motion is known as
 - a) Sprain
 - b) Stress
 - c) Fracture
 - d) Dislocation
4. It is the amount of oxygen delivered to the patient by the ventilator
 - a) Fraction of inspired oxygen
 - b) Partial pressure of oxygen in arterial blood
 - c) Partial pressure of carbon dioxide in the arterial blood
 - d) Fraction of inspired carbon dioxide

P.T.O.

5. This type of healing occurs with extensive soft tissue loss
- a) Primary wound healing
 - b) Tertiary wound healing
 - c) Secondary wound healing
 - d) Regenerative wound healing
6. In ABC Inventory Analysis category B includes
- a) High value items
 - b) Low value items
 - c) Moderate value items
 - d) Donated items
7. As per biomedical waste management waste food items segregated
- a) Black coloured bag
 - b) Yellow coloured bag
 - c) Red coloured bag
 - d) White coloured bag
8. Foreign body in eye shows following symptoms **EXCEPT:**
- a) Sight diminished
 - b) Foul-smelling
 - c) Bloody discharge
 - d) Difficulty in identifying colours
9. Hypovolemic shock occurs due to
- a) Internal and external hemorrhage
 - b) Severe burns and dehydration
 - c) Inadequate fluid intake
 - d) All of the above
10. Third degree burn involves
- a) Deep tissues and fascia
 - b) Muscles
 - c) Bone and tendons
 - d) All of the above

Total Marks Obtained: _____

Signature of Invigilator

Signature of Examiner

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- 1) All questions are compulsory.
 - 2) Figures to the **RIGHT** indicate **FULL** marks.
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SECTION – B

Q.2 Attempt **ANY TWO** of the following : **(14)**

- | | | | |
|----|-----|---|-------------|
| A) | i) | Explain the management of oxygen deficiency. | (04) |
| | ii) | List down the factors affecting oxygenation. | (03) |
| | | | |
| B) | i) | Explain the different types of Haemorrhage. | (04) |
| | ii) | Explain the sign and symptoms of haemorrhage. | (03) |
| | | | |
| C) | i) | How to identify fracture by DOTS? | (04) |
| | ii) | Explain the management of fracture by RICE. | (03) |
| | | | |
| D) | i) | Write the importance of hygiene during Menstruation. | (04) |
| | ii) | Explain anyone minor disorder with management during Menstrual cycle. | (03) |

Q.3 Write short notes on answer **ANY FOUR** of the following : **(16)**

- 1) Importance of personal hygiene.
- 2) Classify the burn as per body surface area.
- 3) Principles of health education.
- 4) Explain the care of tubes and catheter.
- 5) Explain the different types of wound.
- 6) Explain the factors affecting dotting.
