

BACHELOR OF SCIENCE (PERFUSION TECHNOLOGY) (CBCS – 2022 COURSE)  
B.Sc. (Perfusion Technology) Sem - I : WINTER- 2022  
SUBJECT : PRINCIPLES OF NURSING

Day : Friday

Time : 10:00 AM-12:00 PM

Date : 20-01-2023

W-25364-2022

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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**N.B.**

- 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)**

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

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

- 1) Importance of personal hygiene.
- 2) Classify the bum 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.

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