



BRAINWARE UNIVERSITY

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Brainware University
Barasat, Kolkata -700125

Term End Examination 2025-2026
Programme – B.Sc.(CCT)-2022/B.Sc.(CCT)-2023/B.Sc.(CCT)-2024
Course Name – Basic Nursing
Course Code - BCCTS304
(Semester III)

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) Show which of the following (s) is an element of high quality cpr.
- | | |
|---|--------------------------|
| a) Starting chest compressions within 10 seconds of recognition of cardiac arrest | b) Pushing hard and fast |
| c) Minimizing interruptions | d) All of these |
- (ii) Identify what is the time duration for Surgical hand washing
- | | |
|--------------|--------------|
| a) 20-30 sec | b) 2 minutes |
| c) 40-60 sec | d) 2-5mins |
- (iii) Identify techniques commonly used to assess the correct placement of an endotracheal tube.
- | | |
|-------------------|-------------------------------|
| a) Capnography | b) Blood pressure measurement |
| c) Pulse oximetry | d) Chest X-ray |
- (iv) Identify a potential complication of oxygen therapy.
- | | |
|-------------------------------|---------------------------|
| a) Increased respiratory rate | b) Oxygen toxicity |
| c) Improved mental alertness | d) Reduced blood pressure |
- (v) Choose a oxygen delivery system requires a reservoir bag and one-way valves.
- | | |
|------------------------|---------------------|
| a) Nasal cannula | b) Simple face mask |
| c) Non-rebreather mask | d) Venturi mask |
- (vi) Cite a potential complication of endotracheal intubation in a critically ill patient.
- | | |
|-------------------------------|--|
| a) Improved airway management | b) Decreased risk of ventilator-associated pneumonia |
| c) Aspiration pneumonia | d) Reduced need for sedation |
- (vii) Select the right answer - In ventilated patients, the term "FIO₂" refers to,
- | | |
|-----------------------------------|--|
| a) The fraction of inhaled oxygen | b) The frequency of ventilation |
| c) The rate of urine output | d) The level of arterial oxygen saturation |

Illustrate the key components of a comprehensive care plan for a critically ill patient in a hospital setting. Explain the importance of interdisciplinary collaboration in implementing this plan. (5)

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