



14239

BRAINWARE UNIVERSITY

Term End Examination 2024-2025

Programme – B.Sc.(OTT)-2022/B.Sc.(OTT)-2023

Course Name – Introduction to Quality and Patient Safety

Course Code - BOTTC402

(Semester IV)

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) Judge the following is a key component of providing quality care to terminally ill patients?
 - a) Euthanasia
 - b) Palliative care
 - c) Assisted suicide
 - d) Active treatment
- (ii) Write the following is NOT an example of biomedical waste?
 - a) Used needles
 - b) Human tissues
 - c) pharmaceutical waste
 - d) Paper waste
- (iii) List the phases of disaster management in the correct order:
 - a) Preparedness, response, recovery, mitigation
 - b) Mitigation, response, recovery, preparedness
 - c) Response, preparedness, mitigation, recovery
 - d) Recovery, preparedness, response, mitigation
- (iv) Select the key component of a disaster response plan:
 - a) Recovery procedures
 - b) Mitigation strategies
 - c) Contact information for emergency responders
 - d) Analysis of past disasters
- (v) List the key actions individuals can take to help prevent antibiotic resistance:
 - a) Only use antibiotics when prescribed by a healthcare provider
 - b) Complete the full course of antibiotics as prescribed
 - c) Practice proper hand hygiene
 - d) All of these
- (vi) State which of the following is an indicator of NABH?
 - a) Quality control
 - b) Food and nutrition
 - c) Attendance
 - d) Diet
- (vii) Select the bag in which infectious wastes are discarded-
 - a) Blue bag
 - b) White bin
 - c) Red bag
 - d) All of these

- (viii) According to WHO, select the percentage of non-hazardous hospital waste-
- 0.85
 - 0.1
 - 0.05
 - 0.95
- (ix) Choose which of the following is not a medico-legal law?
- Original X-ray report should be handed over to patients
 - Original Biopsy report should not be handed over to patient
 - Pathological report should be handed over to patients
 - None of these
- (x) Select which artery is used to check the pulse of a patient-
- Carotid artery
 - Radial artery
 - Brachial artery
 - Femoral artery
- (xi) Choose what is the compression-to-ventilation ratio for adult CPR involving 2 rescuers?
- 5 to 1
 - 20 to 2
 - 15 to 2
 - 30 to 2
- (xii) Choose which of the following is not considered a portal of entry for bacteria?
- Eyes
 - Nose
 - Mouth
 - Intact skin
- (xiii) What does QA and QC stand for?
- Quality Assurance and Queuing Control
 - Quality Adjustment and Quality completion
 - Quality Adjustment and Queuing control
 - Quality Assurance and Quality control
- (xiv) Choose the right of confidentiality.
- Belongs to the patient
 - Belongs to the provider
 - Applies only to physicians
 - Is an ethical, but not a legal, duty
- (xv) Name the causative organism of Ebola-
- Bacteria
 - Virus
 - Protozoa
 - All of these

Group-B

(Short Answer Type Questions)

3 x 5=15

- Define the term beneficence in medical ethics. (3)
- Explain in brief about the Vital signs and primary assessment in BLS. (3)
- Distinguish between QA & QC.(Quality assurance & Quality Control). (3)
- Discuss about the medical codes used in ethics. (3)
- Classify the four pillars of medical ethics. (3)

OR

Explain three measures to ensure patients right to confidentiality. (3)

Group-C

(Long Answer Type Questions)

5 x 6=30

- Explain in details about the treatment and disposal of wastes in BMW. (5)
- Express in details about Malpractice and negligence in medical ethics. (5)
- Explain in details about the guidelines of NABH for Quality assurance and management? (5)
- Define goal and scope of medical ethics. (5)
- Write in brief about Waste minimization in BMW. (5)
- List the rules of Medico legal aspects based on patients medical records. (5)

OR

Discuss about the Quality Improvement Approaches. (5)
