



BRAINWARE UNIVERSITY

Term End Examination 2023-2024

Programme – B.Optomety-2021

Course Name – Introduction to Quality & Patient Safety

Course Code - BOPTOE607B

(Semester VI)

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) Who is responsible for patient safety?
- a) Doctors
b) Allied health Professionals
c) Patient's guardian
d) All of these
- (ii) Emergency conditions should be treated with _____
- a) Indiscrimination
b) Immediate care
c) Time bound
d) All of these
- (iii) Which of the following area has the lowest chance of producing a biomedical waste?
- a) Hospitals
b) Clinics
c) Labs
d) Farms
- (iv) Choose the odd one out
- a) Animal waste
b) Microbiological waste
c) Chemical waste
d) Domestic Waste
- (v) 'Sharps' are segregated in _____
- a) Yellow
b) Purple
c) Red
d) White
- (vi) What is the significance of proper biomedical waste management?
- a) Prevents spread of infections
b) Reduces environmental pollution
c) Protects public health
d) All of these
- (vii) Which of the following is not a common target of antibiotics?
- a) Ribosomes
b) Mitochondria
c) DNA replication
d) Cell wall synthesis
- (viii) _____ includes all those measures that are aimed at reducing the impact of a natural or man-made disaster on a nation or community.
- a) Disaster preparedness
b) Disaster prevention
c) Disaster Mitigation
d) Disaster response
- (ix) What does the "T" stand for in the disaster management acronym "START"?

- a) Treat
c) Transport
- b) Triage
d) Track
- (x) 'Separation of different types of wastes by sorting' is referred to as
a) Collection
c) Segregation
- b) Storage
d) Disposal
- (xi) Select the odd one out-
a) Waste from Labor Room
c) Waste from ICU
- b) Waste from Record room
d) Waste from Dressing room
- (xii) What is the most common cause of preventable medical errors in healthcare settings?
a) Medication errors
c) Misdiagnosis
- b) Surgical errors
d) Inadequate communication
- (xiii) Which of the following is NOT considered a type of PPE?
a) Hair mask
c) Scalpel
- b) Safety goggles
d) Shoe covers
- (xiv) What is the recommended method for disposing of sharps waste?
a) Placing them in a regular trash bin
c) Recycling
- b) Incineration
d) Composting
- (xv) Which type of waste is NOT typically disposed of through landfilling in hospital waste management?
a) Radioactive waste
c) Ashes of incinerated waste
- b) Human anatomical waste
d) Infectious waste after thermal treatment

Group-B

(Short Answer Type Questions)

3 x 5=15

2. What precautions should optometrists take when handling biomedical waste? (3)
3. Define "Quality care" (3)
4. What is the process of landfill waste treatment. (3)
5. What role does patient education play in optometry safety? (3)
6. Explain patient safety in optometry clinic. (3)

OR

- Compare quality assurance and quality improvement. (3)

Group-C

(Long Answer Type Questions)

5 x 6=30

7. Elaborate on the properties of the 'EXIT DOOR' specifically for emergency purpose like Fire in hospitals. (5)
8. Enlist all the ten categories of Biomedical wastes. (5)
9. Describe the role of Infection Prevention and Control in healthcare facility. (5)
10. Enlighten the different types of antibiotic resistance. (5)
11. Mention the main components of biomedical waste and the health hazards associated with it. (5)
12. Emphasize on why feedback system is important and how can it be collected. (5)

OR

- Define CPR and mention the basic steps of CPR (5)
