



BRAINWARE UNIVERSITY

Term End Examination 2023-2024

Programme – DMLT-2023

Course Name – Medical Ethics and Patient Care Management

Course Code - DMLT201

(Semester II)

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) Select among these Rational use of drug therapy includes
- | | |
|----------------------|---------------------|
| a) Appropriate drug | b) Appropriate dose |
| c) Appropriate route | d) All of these |
- (ii) Choose the Information required for an informed consent generally does not include
- | | |
|------------------------------------------------|-------------------------------------------------------------------|
| a) Diagnosis (and any other possible diagnosis | b) Anticipated charges for treatment |
| c) Alternative options for treatment | d) Significant risks and benefits of a recommended treatment plan |
- (iii) Choose the recommended method for treating infectious biomedical waste
- | | |
|-----------------|-----------------------|
| a) Incineration | b) Chemical treatment |
| c) Recycling | d) Composting |
- (iv) Name which is not a category of biomedical waste
- | | |
|--------------------|----------------------|
| a) General waste | b) Infectious waste |
| c) Hazardous waste | d) Radioactive waste |
- (v) Select the primary purpose of a spill response plan in biomedical waste management
- | | |
|-----------------------|-----------------------------------|
| a) To prevent spills | b) To contain and clean up spills |
| c) To increase spills | d) To ignore spills |
- (vi) List the approach for administering treatment in emergency situations where the patient is unable to provide consent.
- | | |
|----------------------|---------------------|
| a) Implied consent | b) Informed consent |
| c) Expressed consent | d) Waived consent |
- (vii) Tell the legal age at which individuals are typically considered competent to provide their own consent for medical treatment
- | | |
|-------------|-------------|
| a) 16 years | b) 18 years |
| c) 21 years | d) 25 years |
- (viii) Select the country where euthanasia is currently legal

- a) United States
c) United Kingdom
- b) Canada
d) Australia
- (ix) Tell the type of waste are generated from healthcare facilities
a) General waste only
c) Both general waste and biomedical waste
- b) Biomedical waste only
d) None of these
- (x) Name a regulatory body or agency involved in setting standards for cross-infection control in healthcare settings
a) WHO
c) CDC
- b) FDA
d) EPA
- (xi) Identify the acronym that stands for National Accreditation Board for Hospitals & Healthcare Providers
a) NABH
c) CDC
- b) WHO
d) FDA
- (xii) Cite an example of how Quality Assurance is implemented in medical laboratory science
a) Skipping proficiency testing
c) Regularly calibrating laboratory instruments
- b) Ignoring equipment maintenance schedules
d) Disregarding safety protocols
- (xiii) Name the recommended ratio of chest compressions to rescue breaths in CPR for adults
a) 15:1
c) 50:1
- b) 30:2
d) 100:2
- (xiv) Identify the vital sign used to assess the efficiency of breathing
a) Pulse rate
c) Respiratory rate
- b) Blood pressure
d) Temperature
- (xv) Cite an example of a device used to measure oxygen saturation in the blood
a) Thermometer
c) Pulse oximeter
- b) Stethoscope
d) Spirometer

Group-B

(Short Answer Type Questions)

3 x 5=15

2. Describe about the principles of medical ethics. (3)
3. Explain about the expressed consent (3)
4. Write a short note on the classification of BMW (3)
5. Explain three measures to ensure patients right to confidentiality. (3)
6. Deduce the NABH Guidelines for Hospital Infection Control. (3)

OR

Analyze the principle and procedure of Automated external defibrillator and comment on its efficiency. (3)

Group-C

(Long Answer Type Questions)

5 x 6=30

7. Describe about do not harm and beneficence in medical ethics. (5)
8. List down the scopes of medical ethics. (5)
9. Write a short note on AED. (5)
10. Summarize the fundamental aspects of SCA. (5)
11. Describe in details about the vital signs in BLS. (5)
12. Explain the definition and prevention of nosocomial infections. (5)

OR

Explain the various modes of infectious disease transmission. (5)
