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## BRAINWARE UNIVERSITY

Term End Examination 2024-2025

Programme – DMLT-2023/DMLT-2024

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) State which of the following is included in medical ethics?
  - a) Autonomy
  - b) Justice
  - c) Beneficence
  - d) All of these
- (ii) State the main value of medical ethics which includes-.
  - a) Justice
  - b) Non-maleficence
  - c) Both of these
  - d) None of them
- (iii) State the Basic right of the patient includes.
  - a) Proper treatment
  - b) Proper healthcare
  - c) Proper assurance
  - d) All of these
- (iv) Select which is not a biomedical waste.
  - a) Tissue culture
  - b) Stationary
  - c) Cadavers
  - d) Body fluids and tissues
- (v) Select which is a waste reduction method.
  - a) Avoiding disposable products
  - b) Re-use of second hand products
  - c) Repairing
  - d) All of these
- (vi) List the color coded bin typically used for disposing of sharps, such as needles and scalpels.
  - a) Red
  - b) Yellow
  - c) Blue
  - d) White
- (vii) Select the correct option which acts as carrier for causing diseases.
  - a) Fomite
  - b) Vehicle

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- c) Vector  
d) None of these
- (viii) Name which of the following organism is capable of causing diseases.  
a) Pathogen  
b) Normal flora  
c) Vector  
d) All of these
- (ix) Select the term Quality Assurance.  
a) the measurement of degree to which a product satisfies the need  
b) Any systematic process used to ensure quality in the process  
c) Processing of identifying defects  
d) a corrective tool
- (x) Select which of the following option is not correct regarding QA and QC.  
a) Process capabilities should be monitored on intermittent basis  
b) Measuring equipment's must have a calibration certificate  
c) Normally many inspections are done during the process of manufacturing  
d) QA depends on the activities of the entire company
- (xi) Select the recommended method for disposing of liquid biomedical waste.  
a) Pouring down the drain  
b) Incineration  
c) Autoclaving  
d) Landfilling
- (xii) select who is typically authorized to provide consent for medical treatment for a minor.  
a) The minor themselves  
b) Both parents  
c) The legal guardian  
d) Any adult family member
- (xiii) Identify the preferred method for transporting biomedical waste within healthcare facilities.  
a) Open containers  
b) Closed containers  
c) Direct hand contact  
d) No specific method required
- (xiv) Identify the vital signs typically measured in clinical settings.  
a) Heart rate, blood pressure, temperature, respiratory rate  
b) Height, weight, shoe size, body mass index  
c) Eye color, hair length, skin texture, pulse oximetry  
d) Blood sugar level, cholesterol level, urine pH, lung capacity
- (xv) State the normal range for adult resting heart rate.  
a) 60-100 beats per minute  
b) 20-40 beats per minute  
c) 120-160 beats per minute  
d) 180-220 beats per minute

#### Group-B

(Short Answer Type Questions)

3 x 5=15

2. Write in brief about nosocomial infection. (3)
3. Explain and analyze four modes of disease transmission. (3)
4. Explain and analyze the main goals of QC. (3)
5. Name a few patient responsibilities as per NABH. (3)
6. What are the ethical concerns in risk management for emerging medical technologies? (3)

OR

Distinguish between QA & QC in medical lab. (3)

#### Group-C

(Long Answer Type Questions)

5 x 6=30

7. Differentiate between chronic and acute infection with appropriate examples. (5)
8. Write about the rights of patients in the field of medical ethics. (5)

9. Write in brief about One- and Two-rescuer CPR method. (5)
10. Explain in details about the guidelines of NABH for Quality assurance and management? (5)
11. Explain the process of waste disposal in BMW system. (5)
12. Explain how do manufacturers ensure personal protective equipment (PPE) is safe and effective? (5)

OR

Explain and analyze whether every piece of PPE provide the same level of protection. (5)

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