



BRAINWARE UNIVERSITY

Term End Examination 2020 - 21

Programme – Bachelor of Science in Medical Lab Technology

Course Name – Medical Ethics and Patient Safety Management

Course Code - BMLT102

Semester / Year - Semester I

Time allotted : 75 Minutes

Full Marks : 60

[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 60=60

1. (Answer any Sixty)

(i) Battery acid waste is an example of

- | | |
|---------------------|---------------------|
| a) Toxic wastes | b) Reactive wastes |
| c) Ignitable wastes | d) Corrosive wastes |

(ii) Which is a waste reduction method?

- | | |
|---------------------------------|-----------------------------------|
| a) Avoiding disposable products | b) Re-use of second hand products |
| c) Repairing | d) All of these |

(iii) Waste management includes

- | | |
|---------------|-----------------|
| a) Collection | b) Recycling |
| c) Transport | d) All of these |

(iv) What is the color coding of the bag used in hospitals to dispose off human anatomical wastes such as body parts:

- | | |
|-----------|----------|
| a) Yellow | b) Black |
| c) Red | d) Blue |

(v) According to WHO, the percentage of non-hazardous hospital waste is

- | | |
|---------|---------|
| a) 0.85 | b) 0.1 |
| c) 0.05 | d) 0.95 |

(vi) The chemical used for disinfection of biomedical waste is

- a) Sodium peroxide
- b) Sodium Hypochlorite
- c) Sodium oxalate
- d) None of these

(vii) Lab cultures can be categorized in:

- a) Infectious waste
- b) Radioactive waste
- c) General hospital waste
- d) Hazardous waste

(viii) According to the International Committee of the Red Cross (ICRC) recommendation, how much time can infectious waste be stored

- a) 48 hours
- b) 36 hours
- c) 72 hours
- d) None of these

(ix) Radiation label for radioactive biomedical waste should include:

- a) Name of Principal Investigator
- b) Location
- c) Isotope used
- d) All of these

(x) Animal body parts should be segregated in

- a) Yellow bin
- b) White bin
- c) Blue bin
- d) Red bin

(xi) Pharmaceutical waste includes

- a) Expired pharmaceuticals
- b) Banned pharmaceuticals
- c) Chemotherapy drugs
- d) Both Expired pharmaceuticals and Banned pharmaceuticals

(xii) Bio-Medical Waste (Management & Handling) Rules was implicated in India in the year, 1998

- a) 1987
- b) 1998
- c) 1950
- d) 2001

(xiii) Which of the following option involves material and component control?

- a) Development of standards
- b) Development of specification
- c) Quality control
- d) Feedback

(xiv) Process control is carried out

- a) Before production
- b) During production
- c) After production control
- d) All of these

(xv) 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

(xvi) In case of CT scan quality control describe

- a) CT noise
- b) CT scan software update
- c) CT Scan hardware service
- d) All are right

(xvii) TB is caused by

- a) Bacteria
- b) Virus
- c) Parasite
- d) Fungi

(xviii) Ethics in medical profession was proposed by

- a) Hippocrates
- b) Charak
- c) Sushrut
- d) Alexander Fleming

(xix) Unauthorized disclosure of medical records is

- a) Generally done
- b) Should not be done
- c) Seldom done
- d) None of them

(xx) As per NABH guideline LASA stands for:

- a) Look aseptic sound aseptic
- b) Look Alike Sound Alike
- c) Look aside seems alike
- d) None of these

(xxi) HIC stands for:

- a) Hotel Infection control
- b) Hospital Infection Control
- c) Human Infection control
- d) a. Hospital Immunization control

(xxii) What is the color coding for 'Priority Three ' in triage:

- a) Blue
- b) Black
- c) Green
- d) Red

(xxiii) In hospital the color of the pipe for Nitrous oxide medical gases:

- a) Purple French blue band
- b) Yellow with French blue band
- c) Green with French blue band
- d) Red with French blue band

(xxiv) The response time of code blue team in case of code blue:

- a) Within 5 min
- b) Within 3 min
- c) Within 7 min
- d) Within 2 min

(xxv) Among the followings which is NOT included in patient right after hospitalized:

- a) Confidentiality
- b) Refusal of the treatment
- c) Informed consent
- d) None of these

(xxvi) Informed consent is not required when

- a) The procedure is simple and common.
- b) There is a life-threatening emergency.
- c) The patient's mental status prevents a reasonable informed consent.
- d) All of these.

(xxvii) Peer review committees

- a) Are composed of patients of a particular
- b) Are composed of the administrative staff

facility. of a particular facility.
c) Are generally confidential in nature and immune from testifying in lawsuits. d) None of these.

(xxviii) Risk management consists of which of the following?

- a) Identifying potential dangers of all kinds
- b) Maintaining a safe environment from a physical and legal viewpoint
- c) Responding to incidents that may give rise to litigation
- d) All of these

(xxix) Ebola is caused by

- a) Bacteria
- b) Virus
- c) Protozoa
- d) None of these

(xxx) If a microorganism is known to produce a disease, it is referred to as a

- a) Pathogen
- b) Normal flora
- c) Vector
- d) All of these

(xxxii) An insect or animal carrier of a disease is known as:

- a) Fomite
- b) Vehicle
- c) Vector
- d) Carrier

(xxxiii) Hand hygiene is to be used in the following situations by imaging professionals in the workplace

- a) Before caring for a patient
- b) After caring for a patient
- c) When preparing for an invasive procedure
- d) All of these

(xxxiiii) Which of the following is followed as the code of conduct?

- a) Hippocratic oath
- b) Nuremberg code
- c) Both of them
- d) None of them

(xxxiv) Main value of medical ethics includes

- a) Justice
- b) Non-maleficence
- c) Both of these
- d) None of these

(xxxv) Rule of Law was promoted by

- a) Council of Europe
- b) Council of USA
- c) Indian council
- d) All of them

(xxxvi) Nosocomial infections are infections

- a) That is developed from hospital
- b) That affects nasal tract of human
- c) That is developed over long period of time
- d) None of these

(xxxvii) Chain of infection includes

- a) Portal of entry
- b) Portal of exit
- c) Reservoir
- d) All of these

(xxxviii) HAI refers to

- a) Hospital administration infection
- b) Hospital affected infection
- c) Hospital acquired infection
- d) None of them

(xxxix) Inflammation includes

- a) Edema
- b) Erythema
- c) None of these
- d) Both of these

(xl) Which of the following is not considered a portal of entry for bacteria?

- a) Eyes
- b) Nose
- c) Mouth
- d) Intact skin

(xli) In CPR, the ratio of chest compression is

- a) 1.66805555555556
- b) 1.45972222222222

c) 1.25138888888889

d) 0.62638888888889

(xlii) Infection occurs when respiratory or salivary secretions containing pathogens such as influenza or Tb are _____ expelled from the body.

a) Direct contact

b) Indirect contact

c) Droplet transmission

d) Vector-borne

(xliii) AIDS is caused by

a) Herpes virus

b) HIV virus

c) Contaminated food

d) Poor personal hygiene

(xliv) Rational use of drug therapy includes

a) Appropriate drug

b) Appropriate dose

c) Appropriate route

d) All of these

(xlv) Basic right of the patient includes

a) Proper treatment

b) Proper healthcare

c) Proper assurance

d) All of these

(xlvi) Brain death means

a) Internal circulation of the organ is maintained

b) Internal circulation of the organ is not maintained

c) Brain function is partially lost

d) None of these

(xlvii) What does COSHH stand for?

a) .Control of Substances harmful to Health.

b) Control of spectacles Hazardous to Health.

c) .Control of Substances Hazardous to Health.

d) None of these

(xlviii) An AED (Automated External Defibrillator) should be used:

- a) Before performing CPR
- b) After performing CPR.
- c) At preliminary stage
- d) After giving air blow

(xlix) What mistake is most likely to cause gastric inflation during use of a bag-mask?

- a) There isn't a tight seal between the mask and the patient's face
- b) Too much air is given in rescue breaths; the chest is visibly rising.
- c) The rescuer is delivering breaths too quickly or too forcefully.
- d) Every breath lasts longer than one second

(l) What is the compression-to-ventilation ratio for adult CPR involving 2 rescuers?

- a) 5 to 1
- b) 20 to 2
- c) 15 to 2
- d) 30 to 2

(li) What is the universal standard precaution

- a) It is essential to act as if all human blood, bodily fluids, and other possibly infectious materials are actually infectious.
- b) Only blood and bodily fluids are infectious. Other bodily materials are safe.
- c) Human blood can be handled safely, but treat other bodily fluids as if they may be infectious.
- d) Only human blood is infectious. Other bodily fluids are safe to handle, even if they come from a sick person.

(lii) CAB concept in BLS stands for

- a) Circulation, Airway, Breathing
- b) Chocking, Airway, Breath
- c) Cardio, Aircirculation, Breathing
- d) All of these

(liii) Into which containers are sharps/needles to be disposed of

- a) Red pails.
- b) Yellow hard-plastic sharps containers.
- c) Containers lined with yellow bags.
- d) Boxes lined with black/dark green bags.

(liv) Father father of management by objectives (MBO)

- a) Peter Drucker
- c) Henri Fayol

- b) Frederick Taylor
- d) Max Weber

(lv) Plan-Do-Check -Act cycle is related to:

- a) Deming
- c) Henry Gantt

- b) Donabedian
- d) None of these

(lvi) High cost, low volume items requires

- a) intensive inspection
- c) little inspection

- b) no inspection
- d) 100% inspection

(lvii) The mean of sampling distribution is

- a) less than mean of process distribution
- c) equal to mean of process distribution

- b) more than mean of process distribution
- d) any of these

(lviii) Central tendency of a process is monitored in

- a) Range chart
- c) c-chart

- b) p-chart
- d) Mean chart

(lix) Which of the following option is correct regarding QA and QC?

- a) QC is an integral part of QA
- c) QA and QC are independent to each other

- b) QA is an integral part of QC
- d) QC may or may not depend on QA

(lx) Accreditation refers to one of the following:

- a) Making assessment
- c) Making care cost effective

- b) Meeting predetermined standards
- d) Ensuring Quality