



## BRAINWARE UNIVERSITY

Term End Examination 2021 - 22

Programme – Diploma in Medical Laboratory Technology

Course Name – Medical Ethics and Patient Care Management

Course Code - DMLT202

( Semester II )

Time allotted : 1 Hrs.15 Min.

Full Marks : 60

[The figure in the margin indicates full marks.]

### Group-A

(Multiple Choice Type Question)

1 x 60=60

*Choose the correct alternative from the following :*

- (1) Battery acid waste is an example of
 

a) Toxic wastes	b) Reactive wastes
c) Ignitable wastes	d) Corrosive wastes
- (2) Medical waste contains
 

a) Radioactive wastes	b) Hazardous wastes
c) None of these	d) Both of these
- (3) Waste management includes
 

a) Collection	b) Recycling
c) Transport	d) All of these
- (4) 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
- (5) According to WHO, the percentage of non-hazardous hospital waste is
 

a) 0.85	b) 0.1
c) 0.05	d) 0.95
- (6) The chemical used for disinfection of biomedical waste is
 

a) Sodium peroxide	b) Sodium Hypochlorite
c) Sodium oxalate	d) None of these
- (7) Lab cultures can be categorized in:
 

a) Infectious waste	b) Radioactive waste
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- c) General hospital waste
- (8) Personal protective equipment (PPE) includes
- a) Wearing gloves
- c) Wearing face mask
- (9) OSHA is the acronym for:
- a) Occupational Safety and Health Administration
- c) Occupational Safeguard and Health Administration
- (10) Animal body parts should be segregated in
- a) Yellow bin
- c) Blue bin
- (11) Pharmaceutical waste includes
- a) Expired pharmaceuticals
- c) Chemotherapy drugs
- (12) Bio-Medical Waste (Management & Handling) Rules was implicated in India in the year
- a) 1987
- c) 1950
- (13) Cross-infection can be prevented using
- a) Isolation of infectious patients
- c) Hand and equipment washing
- (14) Which of the following option involves material and component control?
- a) Development of standards
- c) Quality control
- (15) Process control is carried out
- a) Before production
- c) After production control
- (16) Arrange the steps of QA in ascending order?
- a) Customer needs, material control, design development, process control, marketing
- c) Customer needs, design development, material control, process control, finished product
- (17) Which of the following is an example of QA?
- a) Verification
- c) Validation
- (18) Which of the following option is not correct regarding QA and QC?
- a) Process capabilities should be monitored on intermittent basis
- c) Normally many inspections are done during the process of manufacturing
- (19) Advantage of quality control includes
- a) Improve diagnostic
- d) Hazardous waste
- b) Wearing goggles
- d) All of these
- b) Occasional Safety and Health Administration
- d) None of these
- b) White bin
- d) Red bin
- b) Banned pharmaceuticals
- d) Both Expired pharmaceuticals and Banned pharmaceuticals
- b) 1998
- d) 2001
- b) Using immunization
- d) All of these
- b) Development of specification
- d) Feedback
- b) During production
- d) All of these
- b) Material control, process control, customer need, design development, finished product
- d) Material control, servicing, process control, material control, design development
- b) Software testing
- d) Documentation
- b) Measuring equipment's must have a calibration certificate
- d) QA depends on the activities of the entire company
- b) Cost saving

- c) Both of these
- (20) Meaning of quality control includes
- a) Serviceability on time
- c) Both of these
- (21) In case of CT scan quality control describe
- a) CT noise
- c) CT Scan hardware service
- (22) Which of the following is an indicator of NABH?
- a) Quality control
- c) Attendance
- (23) Retention of medical records is required for
- a) Future information
- c) None of them
- (24) Indemnity insurance is required for
- a) Doctors
- c) Both
- (25) Standard Operating Protocol is required for the
- a) Pathology laboratory
- c) Both
- (26) Quality improvement tools include
- a) Internal quality control system
- c) Both of these
- (27) What is the time frame within which a medical record of discharged patient should reach Medical Record Department
- a) 36 hr
- c) 45 hr
- (28) As per NABH, CRBSI related to
- a) Heart
- c) Brain
- (29) What is the color coding for 'Priority Three' in triage:
- a) Blue
- c) Green
- (30) In hospital the color of the pipe for Nitrous oxide medical gases:
- a) Purple French blue band
- c) Green with French blue band
- (31) The response time of code blue team in case of code blue:
- a) Within 5 min
- c) Within 7 min
- (32) Among the followings which is NOT included in patient right after hospitalized:
- a) Confidentiality
- c) Informed consent
- (33) SOP stands for:
- d) All are wrong
- b) Durability of the unit
- d) All are wrong
- b) CT scan software update
- d) All are right
- b) Food and nutrition
- d) Diet
- b) Medico legal purpose
- d) All of them
- b) Lab technicians
- d) None
- b) Radiological laboratory
- d) None
- b) External quality control system
- d) None of these
- b) 24 hr
- d) 48 hr
- b) Kidney
- d) Muscle
- b) Black
- d) Red
- b) Yellow with French blue band
- d) Red with French blue band
- b) Within 3 min
- d) Within 2 min
- b) Refusal of the treatment
- d) None of these

- a) Standard operating principle  
c) Standard open principle
- b) Standard operating procedure  
d) Standard operation proforma
- (34) CPR stands for
- a) Cardiopulmonary resuscitation  
c) Cardiomuscular resuscitation
- b) Cardiopulmonary rescue  
d) cardiovascular resuscitation
- (35) The right of confidentiality
- a) Belongs to the patient.  
c) Applies only to physicians.
- b) Belongs to the provider.  
d) Is an ethical, but not a legal, duty
- (36) Ebola is caused by
- a) Bacteria  
c) Protozoa
- b) Virus  
d) None of these
- (37) The most important practice in reducing the transmission of infectious agents which cause HAIs is.
- a) Washing your hands after using the toilet  
c) Carrying out hand hygiene frequently using the correct technique
- b) Washing your hands when they are visibly soiled  
d) None of these
- (38) Information required for an informed consent generally does not include
- a) Diagnosis (and any other possible diagnosis)  
c) Alternative options for treatment
- b) Anticipated charges for treatment  
d) Significant risks and benefits of a recommended treatment plan
- (39) If a microorganism is known to produce a disease, it is referred to as a
- a) Pathogen  
c) Vector
- b) Normal flora  
d) All of these
- (40) An insect or animal carrier of a disease is known as:
- a) Fomite  
c) Vector
- b) Vehicle  
d) Carrier
- (41) Which of the following is included in medical ethics?
- a) Autonomy  
c) Beneficence
- b) Justice  
d) All of these
- (42) Which of the following is followed as the code of conduct?
- a) Hippocratic oath  
c) Both of them
- b) Nuremberg code  
d) None of them
- (43) Main value of medical ethics includes
- a) Justice  
c) Both of these
- b) Non-maleficence  
d) None of these
- (44) Physician should not allow
- a) Medical judgement  
c) Conflict of interest
- b) Research work  
d) All of them
- (45) Vendor relationship means
- a) Gifts and food from company  
c) Company inducements
- b) Industry-sponsored continuing medical education  
d) All of these

- (46) 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
- (47) Chain of infection includes
- a) Portal of entry
  - b) Portal of exit
  - c) Reservoir
  - d) All of these
- (48) Post exposure prophylaxis is applicable for
- a) hepatitis B
  - b) hepatitis C
  - c) Both of these
  - d) None of these
- (49) HAI refers to
- a) Hospital administration infection
  - b) Hospital affected infection
  - c) Hospital acquired infection
  - d) None of them
- (50) Which of the following is not considered a portal of entry for bacteria?
- a) Eyes
  - b) Nose
  - c) Mouth
  - d) Intact skin
- (51) In CPR, the basic and vital function is
- a) Breathing
  - b) Slapping
  - c) Unconsciousness
  - d) None of these
- (52) In CPR, the ratio of chest compression is
- a) 1.668055555555556
  - b) 1.459722222222222
  - c) 1.251388888888889
  - d) 0.626388888888889
- (53) MRSA and other multi-drug-resistant organisms can be transmitted
- a) Through medical equipment that is shared and not disinfected appropriately between patients
  - b) On the hands of health-care workers who do not perform hand hygiene as indicated in the 4 Moments for Hand Hygiene
  - c) Through environmental surfaces that are not properly cleaned
  - d) All of these
- (54) You are working on a Friday night and several patients become symptomatic with vomiting and diarrhea. You should:
- a) Wait till Monday morning and then contact infection control
  - b) No action is required; the day shift will sort it out
  - c) Ignore the situation and pretend you did not notice anything out of the ordinary
  - d) Place the patients on contact precautions, chart symptoms and follow your facility's procedure for reporting a suspected outbreak
- (55) All the following are essential standard precautions used in the care of all patients irrespective of whether they are diagnosed infectious or not ,except \_\_\_\_\_
- a) Hand hygiene
  - b) Improper sharps and waste disposal
  - c) Personal protective equipment
  - d) Aseptic techniques
- (56) Patients' responsibilities include
- a) Providing information
  - b) Complying with instructions
  - c) Following hospital rules and regulations
  - d) All of these
- (57) What does COSHH stand for?
- a) Control of Substances harmful to Health.
  - b) Control of spectacles Hazardous to Health.
  - c) None of these
  - d) Control of Substances Hazardous to Health.

(58) When performing CPR on an infant (laying face-up), you should use:

- a) 2 fingers
- b) Palm
- c) Ring finger
- d) All of these

(59) Where we should check the pulse of a patient:

- a) Carotid artery
- b) Radial artery
- c) Brachial artery
- d) Femoral artery

(60) An infant who had been choking became unresponsive. The rescuer should:

- a) Alternate back slap and chest thrust
- b) Perform a blind finger sweep to remove the obstruction
- c) Dislodge the obstruction through abdomen
- d) Start CPR