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BRAINWARE UNIVERSITY

Term End Examination 2021 - 22

Programme – Bachelor of Science in Medical Lab Technology
Course Name – Medical Ethics and Patient Safety Management
Course Code - BMLT102
(Semester I)

Time : 1 Hr.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) Which is a waste reduction method?
 - a) Avoiding disposable products
 - b) Re-use of second hand products
 - c) Repairing
 - d) All of these
- (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
 - c) General hospital waste
 - d) Hazardous waste

- (8) OSHA is the acronym for:
- a) Occupational Safety and Health Administration
 - b) Occasional Safety and Health Administration
 - c) Occupational Safeguard and Health Administration
 - d) None of these
- (9) Sharps should be discarded in
- a) Blue discard
 - b) Red Discard
 - c) Yellow discard
 - d) White/ Translucent discard
- (10) LB agar should be sterilized using
- a) Hot air oven
 - b) Membrane filtration
 - c) Autoclave
 - d) None of these
- (11) Animal body parts should be segregated in
- a) Yellow bin
 - b) White bin
 - c) Blue bin
 - d) Red bin
- (12) Cross-infection can be prevented using
- a) Isolation of infectious patients
 - b) Using immunization
 - c) Hand and equipment washing
 - d) All of these
- (13) Advantage of quality control includes
- a) Improve diagnostic
 - b) Cost saving
 - c) Both of these
 - d) All are wrong
- (14) TB is caused by
- a) Bacteria
 - b) Virus
 - c) Parasite
 - d) Fungi
- (15) Which of the following is an indicator of NABH?
- a) Quality control
 - b) Food and nutrition
 - c) Attendance
 - d) Diet
- (16) Standard Operating Protocol is required for the
- a) Pathology laboratory
 - b) Radiological laboratory
 - c) Both
 - d) None
- (17) Quality improvement tools include
- a) Internal quality control system
 - b) External quality control system
 - c) Both of these
 - d) None of these
- (18) HIC stands for:
- a) Hotel Infection control
 - b) Hospital Infection Control
 - c) Human Infection control
 - d) a. Hospital Immunization control
- (19) 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
- (20) SOP stands for:
- a) Standard operating principle
 - b) Standard operating procedure
 - c) Standard open principle
 - d) Standard operation proforma
- (21) CPR stands for
- a) Cardiopulmonary resuscitation
 - b) Cardiopulmonary rescue

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- (35) The most effective way for health-care providers to protect themselves, their family and their patients from influenza is to:
- a) Wear a surgical mask at all times at work
 - b) Stay at home if they have respiratory symptoms
 - c) Get an annual flu shot and encourage their family, co-workers and patients to get the flu vaccine annually
 - d) Not go to work from November to April
- (36) Which of the following is not considered a portal of entry for bacteria?
- a) Eyes
 - b) Nose
 - c) Mouth
 - d) Intact skin
- (37) In CPR, the basic and vital function is
- a) Breathing
 - b) Slapping
 - c) Unconsciousness
 - d) None of these
- (38) 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
- (39) 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
- (40) Patients' responsibilities include
- a) Providing information
 - b) Complying with instructions
 - c) Following hospital rules and regulations
 - d) All of these
- (41) 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
- (42) _____ organisms are not causing disease and may be beneficial.
- a) Pathogenic
 - b) Non-pathogenic
 - c) Virulent
 - d) None of these
- (43) AIDS is caused by
- a) Herpes virus
 - b) HIV virus
 - c) Contaminated food
 - d) Poor personal hygiene
- (44) Drug Control Act was established in the year
- a) 1940
 - b) 1970
 - c) 1990
 - d) 1956
- (45) Rational use of drug therapy includes
- a) Appropriate drug
 - b) Appropriate dose
 - c) Appropriate route
 - d) All of these
- (46) Allogenic organ transplantation means
- a) Transplantation from same species
 - b) Transplantation from different species
 - c) Transplantation of synthesized organ
 - d) None of these

- (47) Irrational drug therapy can result in
- a) Impairment of organ function
 - b) Development of the disease
 - c) Impairment of lifestyle
 - d) All of these
- (48) Basic right of the patient includes
- a) Proper treatment
 - b) Proper healthcare
 - c) Proper assurance
 - d) All of these
- (49) 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
- (50) Name the types of PPE that you'd find in a hospital in general
- a) Gloves and respiratory masks.
 - b) Shoes
 - c) .Face shields
 - d) All of these
- (51) 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
- (52) 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.
- (53) 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.
- (54) How are Chemical waste materials to be stored for disposal
- a) In original containers only and identified as waste.
 - b) Mixed with other materials in one container, labeled with a list of the contents and identified as waste.
 - c) In separate containers, each labeled with the contents and identified as waste.
 - d) All of these
- (55) Quality Council of India sponsored accreditation system for hospitals and health care providers:
- a) NABET
 - b) NABH
 - c) Joint Commission International
 - d) BIS
- (56) Which definition of quality of care represents the entire continuum from structure to process and to outcome?
- a) Deming's
 - b) WHO, 1988
 - c) Donabedian
 - d) Kurt Lewin
- (57) A product which is manufactured by using the degree of the design specification...
- a) Quality Assurance
 - b) Quality of conformance
 - c) Quality Control
 - d) All these
- (58) Low cost, higher volume items requires
- a) no inspection
 - b) intensive inspection
 - c) little inspection
 - d) 100% inspection

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

- a) QC is an integral part of QA
- b) QA is an integral part of QC
- c) QA and QC are independent to each other
- d) QC may or may not depend on QA

(60) The natural variability of the process is measured by _____

- a) Process mean
- b) Sample standard deviation
- c) Process standard deviation
- d) Sample mean

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