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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) 0.05d) 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

b) Radioactive waste

d) Hazardous waste

(7) Lab cultures can be categorized in:

a) Infectious waste

c) General hospital waste

<ul><li>(8) OSHA is the acronym for:</li><li>a) Occupational Safety and Health Administrati</li></ul>	b) Occasional Safety and Health Administratio
on c) Occupational Safeguard and Health Adminis tration	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	W
a) Hot air oven	b) Membrane filtration
c) Autoclave	d) None of these
(11) Animal body parts should be segregated in	b) White bin Brainware University
a) Yellow bin	b) White bin  d) Red bin  Brainware Universal  Brainware Universal  Barasat, Karkata -700125
c) Blue bin	d) Red bin Barasa C Roma
(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	5,2.00
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:	, species of misso
a) Hotel Infection control	b) Hospital Infection Control
c) Human Infection control	d) a. Hospital Immunization
(19) In hospital the color of the pipe for Nitrous oxide	e medical gases:
a) Purple French blue band	
c) Green with French blue band	<ul><li>b) Yellow with French blue band</li><li>d) Red with French blue band</li></ul>
(20) SOP stands for:	-, with French blue band
a) Standard operating principle	h) Standard annual
c) Standard open principle	b) Standard operating procedure
(21) CPR stands for	d) Standard operation proforma
a) Cardiopulmonary resuscitation	b) Cardiopulmonary rescue
	•, · · <del>· · · · · · · · · · · · · · · · ·</del>

c) Cardiomuscular resuscitation	d) cardiovascular resuscitation
(22) Risk management consists of which of the foll	owing?
a) Identifying potential dangers of all kinds	<ul> <li>b) Maintaining a safe environment from a physi cal and legal viewpoint</li> </ul>
c) Responding to incidents that may give rise to litigation	d) All of these
(23) If a microorganism is known to produce a dise	ase, it is referred to as a Brathwere University
a) Pathogen	b) Normal flora Barasat, Kofkota -700125
c) Vector	d) All of these
(24) An insect or animal carrier of a disease is know	vn as:
a) Fomite	b) Vehicle
c) Vector	d) Carrier
(25) Hand hygiene is to be used in the following situ workplace	uations by imaging professionals in the
a) Before caring for a patient	b) After caring for a patient
c) When preparing for an invasive procedure	d) All of these
(26) Vendor relationship means	
a) Gifts and food from company	b) Industry-sponsored continuing medical educ ation
c) Company inducements	d) All of these
(27) Microbes that cause disease are:	
a) Frequent handwashing.	b) Pathogens.
c) Clean utility room.	d) Carrier.
(28) Primary infection are infections that	
a) Transmits directly from organism to host	b) Spreads in local area
c) Spreads in the whole body	d) None of these
(29) Nosocomial infections are infections	and the second s
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
(30) Chain of infection includes	ayah a san garah san gapatan sa
a) Portal of entry	b) Portal of exit
c) Reservoir	d) All of these
(31) Post exposure prophylaxis is applicable for	vi transfer it 1997 it i kty
a) hepatitis B	b) hepatitis C
c) Both of these	d) None of these
(32) HAI refers to	the state of the s
a) Hospital administration infection	b) Hospital affected infection
c) Hospital acquired infection	d) None of them
(33) The Plasmodium Species not found in India is	and agreed to the second of the second
a) Vivax	b) Falciparum
c) Malaria	d) Ovale
(34) Inflammation includes	The second secon
a) Edema	b) Erythema
c) None of these	d) Both of these

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	(35) The most effective way for health-care provide d their patients from influenza is to:	ers to protect themselves, their family an
	a) Wear a surgical mask at all times at work	<ul> <li>b) Stay at home if they have respiratory symptoms</li> </ul>
	<ul> <li>c) Get an annual flu shot and encourage their fa mily, co-workers and patients to get the flu v accine annually</li> </ul>	d) Not go to work from November to April
	(36) Which of the following is not considered a port	tal of entry for bacteria?
	a) Eyes	b) Nose
	c) Mouth	d) Intact skin Bestowers University
	(37) In CPR, the basic and vital function is	Baresau Kakata -700125
	a) Breathing	b) Slapping
	c) Unconsciousness	d) None of these
	(38) MRSA and other multi-drug-resistant organism	s can be transmitted
	<ul> <li>a) Through medical equipment that is shared an d not disinfected appropriately between patie nts</li> </ul>	<ul> <li>b) On the hands of health-care workers who do not perform hand hygiene as indicated in the 4 Moments for Hand Hygiene</li> </ul>
	<ul> <li>c) Through environmental surfaces that are not properly cleaned</li> </ul>	d) All of these
	(39) All the following are essential standard precauti pective of whether they are diagnosed infectiou	ions used in the care of all patients irres s 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 of salivary senfluenza or Tb are expelled from the	cretions containing pathogens such as i
	a) Direct contact	b) Indirect contact
	c) Droplet transmission	d) Vector-borne
(	(42) organisms are not causing disea	ase and may be beneficial
	a) ramogenic	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	, Personal hygicale
	a) 1940	b) 1970
	c) 1990	d) 1956
(4	45) Rational use of drug therapy includes	-, -550
	a) Appropriate drug	h) Appropries
	c) Appropriate route	b) Appropriate dose d) All of these
(4	46) Allogenic organ transplantation means	-7 ···· of these
	a) Transplantation from same species     c) Transplantation of synthesized organ	b) Transplantation from different species d) None of these
	y synthesized organ	d) None of these

(47) Irrational drug therapy can result in	LIBRANY	
a) Impairment of organ function	b) Development of the disease Brainware University	
e) 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 Healt	h. 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		
<ul> <li>a) It is essential to act as if all human blood, be dily fluids, and other possibly infectious merials are actually infectious.</li> </ul>		
c) Human blood can be handled safely, but tro other bodily fluids as if they may be infect us.		
(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 sto	ored for disposal	
a) In original containers only and identified a waste.	b) Mixed with other materials in one container, labeled with a list of the contents and identified as waste.	
<ul> <li>c) In separate containers, each labeled with the contents and identified as waste.</li> </ul>	ne d) All of these	
(55) Quality Council of India sponsored accredit roviders:	tation system for hospitals and health care p	
a) NABET	b) NABH	
c) Joint Commission International	d) BIS	
(56) Which definition of quality of care represent ocess and to outcome?	its the entire continuum from structure to pr	
a) Deming's	b) WHO, 1988	
c) Donabedian	d) Kurt Lewin	
(57) A product which is manufactured by using t	the degree of the design specification	
a) Quality Assurance		
c) Quality Control	b) Quality of conformance	
(58) Low cost, higher volume items requires	d) All these	
a) no inspection		
c) little inspection	b) intensive inspection	
-, mile hispotion	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