



## **BRAINWARE UNIVERSITY**

## **Term End Examination 2022** Programme - B.Sc.(MLT)-2019/B.Sc.(MLT)-2020/B.Sc.(MRIT)-2020/B.Sc. (MLT)-2021/B.Sc.(MRIT)-2021

## **Course Name – Medical Ethics and Patient Safety Management** Course Code - BMLT102/BMRIT102 (Semester I)

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

- Choose the correct alternative from the following:
- (i) Select Radiation label for radioactive biomedical waste should include: a) Name of Principal Investigator b) Location c) Isotope used d) All of these (ii) Define listed in the waste hierarchy to classify waste management strategies according to their disability in terms of waste minimization a) 3 b) 2 c) 4 d) 5 (iii) Pharmaceutical waste includes-select correct answer b) Banned pharmaceuticals a) Expired pharmaceuticals c) Chemotherapy drugs d) both A and B
- (iv) Bio-Medical Waste (Management & Handling) Rules was implicated in India in the year, 1998-select correct option
  - a) 1997 b) 1998 d) 2001 c) 1950
- (v) List which is not a biomedical waste
  - a) Tissue culture b) Catheter
  - c) Cadavers d) Body fluids and tissues
- (vi) Identify waste reduction method?
  - a) Avoiding disposable products b) Re-use of second hand products c) Repairing d) All of these
- (vii) select correct definition of QA
  - a) It is the measurement of degree to which a product satisfies the need

development, process control, marketing

- c) Process of identifying defects d) It is a corrective tool
- (viii) Arrange the steps of QA in ascending order? (select correct order)
- a) Customer needs, material control, design
  - b) Material control, process control, customer need, design development, finished

b) Any systematic process used to ensure

quality in the process

product c) Customer needs, design development, Material control, servicing, process control, material control, process control, finished material control, design development product (ix) Which of the following is an example of QA?-Select correct option a) Verification b) Software testing c) Validation d) Documentation (x) Select the Meaning of quality control includes a) Serviceability on time b) Durability of the unit c) (a) and (b) both d) All are wrong (xi) TB is caused by -select correct option b) Virus a) parasite c) fungi d) Bacteria (xii) Which of the following is an indicator of NABH?-select correct option a) Quality control b) Food and nutrition d) Diet c) Attendance (xiii) Ethics in medical profession was proposed by-select correct option a) Hippocrates b) Charak c) Sushrut d) Alexander Fleming (xiv) What is the color coding of the bag used in hospitals to dispose off human anatomical wastes such as body parts: (Select correct option) a) Yellow b) Blue c) Red d) Blue (xv) How many 'R' are listed in the waste hierarchy to classify waste management strategies according to their disability in terms of waste minimization a) 3 b) 2 c) 4 d) 5 **Group-B** 3 x 5=15 (Short Answer Type Questions) (3) 2. Classify biomedical waste as per WHO 3. What do you do if you get needle stick? (3) 4. Write about hypothermia (3) 5. Explain the 5 critical components of CPR (3)6. Report on the four pillars of medical ethics (3)OR Write about X-ray focal spot quality test (3) Group-C (Long Answer Type Questions) 5 x 6=30

Define biohazards with examples
Explain CT Phantom
Explain the composition of CPR team when the code BLUE is announced
Explain X-ray focal spot quality control test
Write short note on NABH guideline
Explain the procedure to store & monitor high-risk medicine
Explain three measures to ensure patients right to confidentiality

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