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## BRAINWARE UNIVERSITY

Term End Examination 2023

Programme – B.Sc.(MLT)-2019/B.Sc.(MLT)-2020/B.Sc.(MRIT)-2020/B.Sc.  
(MLT)-2021/B.Sc.(MRIT)-2021

Course Name – National Healthcare Delivery System and Medical Laboratory  
Science/National Healthcare Delivery System and Medical Laboratory Science

Course Code - BMLT101/BMRIT101  
( 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

1. Choose the correct alternative from the following :

(i) Which of the following example define the Allocation of health resources to one geographic area or group

- |                      |                   |
|----------------------|-------------------|
| a) Health inequity   | b) Health equity  |
| c) Health inequality | d) Health justice |

(ii) Name the WHO meeting which leads to the health care providers to health care consumers and communities

- |  |  |
|--|--|
| a) First International Health Promotion Conference | b) Australian Better Health Commission |
| c) Alma Ata  | d) Health for All by the Year 2000     |

(iii) Recognize the place where The first International Conference on Health Promotion, meeting was held

- |           |           |
|-----------|-----------|
| a) Mexico | b) Ottawa |
| c) Geneva | d) Africa |

(iv) Which of the following answer relate The most common cause of diarrhea globally

- |              |                  |
|--------------|------------------|
| a) coli      | b) Compylobacter |
| c) Rotavirus | d) cholerae      |

(v) PRA in community participation is describe about:

- |                                   |                                 |
|-----------------------------------|---------------------------------|
| a) Participatory Rural Appraisal  | b) Participatory Rare Appraisal |
| c) Participatory Rural Appearance | d) Principle Rural Appraisal    |

(vi) Identify the factor which is not included in epidemiological triad model is

- |          |                |
|----------|----------------|
| a) Agent | b) Host        |
| c) Time  | d) Environment |

(vii) Carcinogens are substances related to:

- a) Cancer  
c) Lung disease
- (viii) Pathogenicity relates to
- a) Proportion of exposed persons  
c) Proportion of infected persons who develop clinical disease
- b) Genetic disease  
d) Liver disease
- b) Proportion of infected persons who develop subclinical disease  
d) All of these
- (ix) Choose the correct answer from the following statements:
- a) A reservoir of an infectious agent can be an asymptomatic human  
c) A reservoir of an infectious agent can be the National Nutritional Programs
- b) A reservoir of an infectious agent can be the environment  
d) A reservoir of an infectious agent can be the Programs for AYUSH
- (x) Tachy and Brady is the classification of:
- a) Heart rate  
c) Pulse rate
- b) Blood circulation  
d) None of these
- (xi) The term pyrexia is used in anatomy in order to describe about:
- a) Cough  
c) Influenza
- b) Fever  
d) Inflammation
- (xii) Select the correct answer from the following options, Encephal/o is related to
- a) Heart  
c) Brain
- b) Liver  
d) Kidney
- (xiii) Choose the correct range of Total RBCcount for women:
- a) 4.4-6  
c) 4.0-5
- b) 4.2-5  
d) 4.2-5.2
- (xiv) Write which of the following hazard you may found in the lab.
- a) Chemicals  
c) physical hazard such as falling from the wet floor
- b) Infectious bacteria  
d) All of these
- (xv) Recognize how many ways infectious disease can be spreaded?
- a) airborne  
c) airborne, contact and oral
- b) airborne and contact  
d) airborne, contact, oral and droplet

### Group-B

(Short Answer Type Questions)

3 x 5=15

2. Write a short note on Sickle Cell Anemia. (3)
3. Describe the indexing of patients data? (3)
4. State the importance of National Health care program. (3)
5. Explain the role of Medical clinical Laboratory science in Health Care. (3)
6. What are difference between pathogenic and non-pathogenic bacteria? (3)

OR

- Describe the chart of Medical flow of record keeping? (3)

### Group-C

(Long Answer Type Questions)

5 x 6=30

7. Summarize the concept of Radioactive waste management (5)
8. Classify Diagnostic and treatment policy of AYUSH system of medicine (5)
9. Describe the Principles of Epidemiology and its importance in healthcare delivery system (5)
10. When doing patient care, you observed several healthcare personnel failing to use PPE when caring for a patient/resident on Contact Precautions. Explain what could you do to (5)

improve PPE practices for isolation precautions?

- 11. Define Infection explaining the prevention techniques of cross infection in hospital (5)
- 12. Write a note on immunization (5)

OR

Prepare a chart illustrating communicable and non-communicable diseases (5)

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