



# BRAINWARE UNIVERSITY

Term End Examination 2022

Programme – B.Sc.(MRIT)-2022

Course Name – Introduction to National Healthcare system & Medical Laboratory Sciences

Course Code - BMRITC103

( 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 is related to communicable disease:
- |  |   |
|--|---|
| a) National Vector Borne Diseases Control Programme        | b) National Leprosy Eradication Programme |
| c) National program for prevention and control of deafness | d) National AIDS Control Programme        |
- (ii) An infectious disease agent may develop:
- |                       |                          |
|-----------------------|--------------------------|
| a) No infection       | b) Subclinical infection |
| c) Clinical infection | d) All of these          |
- (iii) Which of the following interval explaining about incubation period:
- |  |   |
|--|---|
| a) The time of infection and death                           | b) Appearance of clinical symptoms and death      |
| c) The time of infection and appearance of clinical symptoms | d) Time of infection and appearance of antibodies |
- (iv) Osteoporesis explain about the disease related to:
- |                   |          |
|-------------------|----------|
| a) Bone joint     | b) Skull |
| c) Cardiac Muscle | d) Ear   |
- (v) The term Thrombo use in order to describe:
- |                   |                  |
|-------------------|------------------|
| a) Blood clotting | b) Loss of blood |
| c) Stroke         | d) Arythemia     |
- (vi) Decide, which is the cause of Malaria
- |             |                  |
|-------------|------------------|
| a) Parasite | b) Bacteria      |
| c) Virus    | d) None of these |
- (vii) Which of the following condition justify the term Hemostatic disorders:
- |                           |   |
|---------------------------|---|
| a) Bleeding abnormalities | b) Clotting abnormalities                                     |
| c) Serum abnormalities    | d) Both (Bleeding abnormalities) and (Clotting abnormalities) |
- (viii) Chromatin is a combination of:
- |                           |                      |
|---------------------------|----------------------|
| a) Nucleic acid & protein | b) Only nucleic acid |
|---------------------------|----------------------|

- c) Only protein  
 (ix) Diabetes can be express best as  
 a) A metabolic disease characterized by low blood sugar  
 b) A metabolic disease characterized by high blood sugar  
 c) A family of blood infections  
 d) None of these
- (x) Identify what distinguishes primary health care from primary care(Probable duplicate)  
 a) Works within a multidisciplinary framework  
 b) Provision of interventions specific to the health need  
 c) A focus on primary, secondary and tertiary intervention  
 d) Planning and operation of services is centralized
- (xi) Identify which is not a Principle of Ayurveda  
 a) Vyau  
 b) Pitta  
 c) Kapha  
 d) Ulcer
- (xii) Primary prevention describe about:  
 a) Preventing disease or illness occurring  
 b) Delaying the progress of an existing disease or illness  
 c) Maintaining current health status  
 d) Treatment of existing disease or illness
- (xiii) Endemic disease occurrence is associated with  
 a) In excess of normal expectancy  
 b) Usual within a given geographic area  
 c) Affecting exceptionally high proportion of global population  
 d) both (In excess of normal expectancy) and (Affecting exceptionally high proportion of global population)
- (xiv) Identify the name of the National Nutritional Programs  
 a) Midday Meal Programme  
 b) National Nutritional Anemia Prophylaxis Programme  
 c) Only Midday Meal Programme  
 d) Both (Midday Meal Programme) and (National Nutritional Anemia Prophylaxis Programme)
- (xv) Select the correct answer from the following options Disease control measures are generally directed at which of the following?  
 a) Eliminating the reservoir  
 b) Eliminating the vector  
 c) Interrupting mode of transmission  
 d) Reducing host susceptibility

### Group-B

(Short Answer Type Questions)

3 x 5=15

2. State the importance of National Health care program. (3)
3. Explain the qualities to be a good community mobilizer. (3)
4. Define the composition of Blood and its function blood. (3)
5. What is the basic principle of AYURVEDA? (3)
6. Explain the role of Medical clinical Laboratory science in Health Care. (3)

OR

Differentiate between Histology and Histopathology (3)

### Group-C

(Long Answer Type Questions)

5 x 6=30

7. What should be maintained in laboratory in order to confirm the Bio-safety in Microbiology department (5)
8. Explain medical record keeping procedure (5)
9. Describe AYUSH and different branches of AYUSH (5)
10. Classify different types of epidemiology (5)
11. Prepare a chart illustrating communicable and non-communicable diseases (5)
12. Give an explanation which justify the importance of Bio Medical Waste Management (5)

OR

Summarize the concept of Radioactive waste management

(5)

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