

**BACHELOR OF PHYSIOTHERAPY  
FIFTH SEMESTER  
COMMUNITY MEDICINE  
BPT - 503  
[USE OMR SHEET FOR OBJECTIVE PART]**

**SET  
B**

Duration: 3 hrs.

Full Marks: 70

Time: 30 min.

( Objective )

Marks: 20

*Choose the correct answer from the following:*

*1×20=20*

1. World health day is celebrated on which day?
  - a. 1<sup>st</sup> April
  - b. 7<sup>th</sup> April
  - c. 16<sup>th</sup> April
  - d. 21<sup>st</sup> April
2. Mission Indradanush was created to Intensify-  
Immunization efforts, especially in
  - a. areas with low immunization coverage.
  - b. Free or subsidized cataract surgeries in Govt. Run Hospitals
  - c. basic needs and welfare of the poor and marginalized sections of society
  - d. iodized salt by enforcing regulations to ensure the availability of iodized salt in the market
3. What happens in the body of a person who is suffering from dengue fever?
  - a. His platelets decrease
  - b. His sugar level increases
  - c. His sugar level decreases
  - d. His platelets increase
4. National Aids control program was initiated in India in which year?
  - a. 1980
  - b. 1992
  - c. 1994
  - d. 1996
5. The form of leprosy often associated with severe disfigurement of the skin is known as:
  - a. Tuberculoid leprosy
  - b. Hyperplastic leprosy
  - c. Aleprosy
  - d. Lepromatous leprosy
6. An expert in the field of public health is required to estimate the magnitude of a health problem. Which rate would he calculate for this?
  - a. Incidence
  - b. Frequency
  - c. Case fatality
  - d. Prevalence
7. Which of the following is an example of a tertiary prevention strategy?
  - a. Vaccination programs to prevent spread of disease
  - b. Screening programs to detect a disease in its early stages
  - c. Rehabilitation program for individuals with chronic disease
  - d. Education programs to promote healthy behaviours and lifestyles

8. What is the main purpose of dietary fiber in the diet?
  - a. Provide energy
  - b. Improve bone health
  - c. Promote digestion and prevent constipation
  - d. Boost the immune system
9. World Mental health day is celebrated in which day?
  - a. 7<sup>th</sup> May
  - b. 26<sup>th</sup> September
  - c. 10<sup>th</sup> October
  - d. 30<sup>th</sup> November
10. The epidemiological triad consists of:
  - a. The host, the environment and the treatment
  - b. The causative agent, the host, and the environment
  - c. The causative agent, the mode of transmission and the susceptible host
  - d. The exposure, the susceptibility, and the response
11. Which category of hospital waste includes items like bandages, gloves, and disposable clothing?
  - a. General waste
  - b. Infectious waste
  - c. Hazardous waste
  - d. Pharmaceutical waste
12. What is the primary goal of epidemiology for communicable diseases?
  - a. Prevent the spread of diseases
  - b. Diagnose diseases
  - c. Manage chronic conditions
  - d. Manage chronic conditions
13. Noise-induced hearing loss is an example of which type of occupational hazard?
  - a. Biological hazard
  - b. Chemical hazard
  - c. Ergonomic hazard
  - d. Physical hazard
14. What is the term for a long-term condition resulting from an inadequate intake of essential nutrients, significantly affecting public health?
  - a. Epidemic
  - b. Pandemic
  - c. Malnutrition
  - d. Famine
15. Which of the following is an example of a vector-borne communicable disease?
  - a. Influenza
  - b. Tuberculosis
  - c. Malaria
  - d. Diabetes
16. Which level of prevention aims to prevent complications and disabilities associated with an existing disease or condition?
  - a. Primary prevention
  - b. Secondary prevention
  - c. Tertiary prevention
  - d. Primordial prevention
17. What is the definition of well-being?
  - a. The absence of physical illness
  - b. A state of complete physical, mental, and social well-being
  - c. The absence of mental illness
  - d. A state of complete physical well-being

18. Which of the following is an example of a demographic health indicator?
- a. Life expectancy at birth
  - b. Cholesterol levels
  - c. Blood pressure level
  - d. Death expectancy
19. What is the focus of analytical epidemiology?
- a. Identifying disease patterns
  - b. Examining disease transmission modes
  - c. Determining the risk factors for diseases
  - d. Describing the natural history of diseases
20. Swachh bharat abhiyan was launched in which year?
- a. 2008
  - b. 2010
  - c. 2014
  - d. 2016

**( Descriptive )**

Time : 2 hrs. 30 min.

Marks : 50

*[ Answer question no.1 & any four (4) from the rest ]*

1. Define occupational health and explain its components also write about occupational environment and occupational hazards in detail. 10
2. Define Health? Write about the dimension and determinants of health and its types in detail of health in detail. 10
3. Define epidemiological method. Write about observational studies and experimental studies also about the tools of measurement of epidemiology in detail. 10
4. Define Screening for disease. Write about the concept, aim, Types and uses of screening in detail. 10
5. Describe Diabetes, along with epidemiology, problem statement and health care programs? 2+3+  
2.5+2.5  
=10
6. Explain briefly about the contraceptives being used in controlling pregnancy? 10
7. Define problem statements and treatment guidelines for dengue? 10
8. Describe water pollution and control; Air pollution and control 5+5=10

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