

**LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034****M.Sc. DEGREE EXAMINATION – BIOTECHNOLOGY****SECOND SEMESTER – APRIL 2023****PBT2ME02 – PUBLIC HEALTH MANAGEMENT**

Date: 10-05-2023

Dept. No. 

Max. : 100 Marks

Time: 01:00 PM - 04:00 PM

**SECTION A – K1 (CO1)****Answer ALL the questions****(5 x 1 = 5)****1. Choose the best option**

- a) The state of being diseased or unhealthy within a population means:  
i) mortality      ii) morbidity      iii) fertility      iv) none of these
- b) Which organization is crucial in the monitoring and advising of global health issues?  
i) non-government organizations  
ii) World Health Organization  
iii) North Atlantic Treaty Organization  
iv) United Nations
- c) Panchayat Raj was introduced for the first time in India at  
i) Chennai      ii) Rajasthan      iii) Delhi      iv) Lucknow
- d) Which of the following plan is also called as the rolling plan?  
i) First five year plan      ii) Second five year plan  
iii) Sixth five year plan      iv) Tenth five year plan
- e) Health care facility in India are divided into which of the following category?  
i) Public and private      ii) Rural and urban  
iii) Primary and secondary      iv) Small and large

**SECTION A – K2 (CO1)****Answer ALL the questions****(5 x 1 = 5)****2. Answer in one or two sentences**

- a) State the mission of public health
- b) Relate education and health.
- c) Name any 5 man-made disasters
- d) Mention a few routine HMIS data collection methods
- e) Why is CPM used?

**SECTION B – K3 (CO2)****Answer any THREE of the following****(3 x 10 = 30)**

3. Differentiate community health and public health.
4. What is the role of Health Equity Measurement Framework to measure social inequalities in health?
5. Write short notes on any four disease control programs in India.
6. Interpret the functioning of national health planning in India
7. Give a brief note on challenges faced in public health delivery system

**SECTION C – K4 (CO3)****Answer any TWO of the following****(2 x 12.5 = 25)**

8. Illustrate the components of population growth
9. Describe types of life table. Discuss the construction of a life table.
10. Justify the statement that India would not be able to fulfill the SDG's by the year 2030.
11. Relate the epidemiology and health care management strategies

**SECTION D – K5 (CO4)**

**Answer any ONE of the following (1 x 15 = 15)**

12. Determine how patterns of survivorship relate to the classic three types of survivorship curves.

13. Analyze the societal, economic, cultural and environmental conditions that influence health.

**SECTION E – K6 (CO5)**

**Answer any ONE of the following (1 x 20 = 20)**

14. Summarise the steps involved in health planning process.

15. Elaborate on the PERT and SWOT analysis adding a note on its advantages and disadvantages.

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