

2025

M.A./M.Sc. 1st Semester Examination

**POPULATION, HEALTH
AND DEVELOPMENT**

Paper : PDSC402X0

(Epidemiology, Public Health and Pandemics)

Full Marks : 50

Time : Two Hours

The figures in the margin indicate full marks.

*Candidates are required to give their answers
in their own words as far as practicable.*

Group - A

Answer any *four* questions : $2 \times 4 = 8$

- 1 Define the concept of health as per WHO.
2. What do you mean by morbidity indicators?
3. Distinguish between incidence and prevalence.
4. Define DALYs and state its component.
5. What do you understand by "communicable disease"?
6. State any two objectives of the Alma-Ata Declaration.

P.T.O.

(2)

Group - B

Answer any *four* questions : $4 \times 4 = 16$

7. Explain any four major determinants of health with suitable examples.
8. Compare the biomedical model and the social model of health.
9. Discuss the principles of primary and secondary, prevention of disease with examples.
10. Explain the importance of mental health in the context of non-communicable diseases (NCDs).
11. Write a brief note on the global governance role of WHO and GAVI.
12. Discuss the relevance of SDG 3 for improving public health in developing countries like India.

Group - C

Answer any *two* questions : $8 \times 2 = 16$

13. Discuss Krieger's Ecosocial Theory in public health. Explain how this theory helps in understanding health inequities in India.
14. Define epidemiology. Describe the major uses of epidemiology and explain how epidemiological tools help in public health planning.

(3)

15. What do you mean by live attenuated vaccine? Write briefly about current national immunization schedule. 3+5
16. Discuss the epidemiological triad theory of disease causation. Explain how understanding this model supports effective disease prevention and control strategies. 3+5

Internal Assessment : 10 marks
