M.Sc. DEGREE EXAMINATION,NOVEMBER 2019
II Year III Semester
Epidemiological Methods

Time : 3 Hours   **Max.marks :75**

Section A $(10 \times 2 = 20)$ Marks

Answer any **TEN** questions

1. Define epidemiology.
2. What are the achievements in epidemiology?
3. What are the factors in causation?
4. State the scope of prevention.
5. State the applications of epidemiology in health services.
6. What is meant by communicable diseases?
7. State the types of epidemiological study.
8. What do you understand by potential errors in epidemiological study?
9. State the planning of an epidemiological project.
10. How do you choose a project?
11. Define tertiary prevention.
12. What is meant by random control trials?

Section B $(5 \times 5 = 25)$ Marks

Answer any **FIVE** questions

13. Explain prevalence and incidence rates.
14. Explain about single and multiple causes.
15. Explain about epidemic investigation.
16. Give the explanations of field and community trials.
17. Briefly explain the analysis and presentation of data.
18. Delineate the measures of disease frequency.
19. Delineate the understanding of Cohort studies.

Section C $(3 \times 10 = 30)$ Marks

Answer any **THREE** questions

20. Describe the scope of epidemiology.

21. Elucidate about prevention in epidemiology.

22. Describe about an environmental epidemiology.

23. Explain about Ecological and Cross-sectional studies.

24. Elucidate about the health research for policy decision

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