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**DMI-ST. EUGENE UNIVERSITY
DEGREE EXAMINATION – DECEMBER – 2022**

SEM: VIII

357MG84 RESEARCH METHODOLOGY

Time: 3 Hours

Max. Marks: 100

Answer any Five questions (5 x 20 = 100 Marks)

1. a) List five objectives of epidemiology. (5 Marks)
b) Explain the concept of Community health. (5 Marks)
c) State the Basic Steps of the Scientific Method in research with concrete examples.
(10 Marks)
2. a) Explain on the Variables and Attributes in research. (5 Marks)
b) Explain in details the idea of Prevalence in epidemiology with relevant examples.
(5 Marks)
c) State Incidence proportion in brief terms. (5 Marks)
d) Explicate on Incidence measure. (5 Marks)
3. a) Describe how research can be carried out based on the four key characteristics of research design. (10 Marks)
b) Scrutinize the essential elements of the research design. (10 Marks)
4. a) Highlight the significance of research. (10 Marks)
b) Explain the value of primary, secondary, and tertiary sources. (5 Marks)
c) Examine the process of testing hypothesis. (5 Marks)
5. a) Explain the Preliminary Section of a research format. (5 Marks)
b) Explain the four Ps which determine the Feasibility of the Project. (5 Marks)
c) Illustrate the five phases of project management. (10 Marks)
6. a) Justify Period prevalence with examples. (10 Marks)
b) Delineate Ratio Data. (5 Marks)
c) Describe the types of Variables. (5 Marks)
7. a) Explain the two key concepts of the scientific approach in Research methodology.
(5 Marks)
b) Describe the levels of organization of biodiversity. (5 Marks)
c) Discuss the Worth of Biodiversity to Human being. (10 Marks)