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**MVP-009**

**M. SC. IN FOOD SAFETY AND  
QUALITY MANAGEMENT (MSCFSQM)**

**Term-End Examination**

**June, 2024**

**MVP-009 : RESEARCH METHODOLOGY**

*Time : 3 Hours*

*Maximum Marks : 100*

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**Note :** Answer any *five* questions. All questions carry equal marks.

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1. Write short notes on the following (any *four*) :  
4×5=20
  - (i) Characteristics of scientific research
  - (ii) Max-Min-Con principle
  - (iii) Completely Randomized Design
  - (iv) Secondary sources of data
  - (v) Standard deviation
  
2. (i) What is a good research problem statement ? What should you consider for deciding research objectives ? 10
  - (ii) Discuss the major sources of review of literature for your research. 10

**P. T. O.**

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3. Define hypothesis. Give its types and characteristics. Explain the testing of hypothesis. 2+8+10
4. Write the characteristics of descriptive research. Describe the types of descriptive research. 10+10
5. (i) Discuss the general steps of standardised test construction for any research problem. 10  
(ii) Narrate the instruments used for collecting primary data for a research. 10
6. What is the importance of sampling in a research study ? Discuss the probability and non-probability sampling techniques. 5+15
7. Describe the main components of a research report. How can you yourself evaluate your draft dissertation ? 15+5