

No. of Printed Pages : 3

MHC-008

**M. SC. (HOME SCIENCE—
COMMUNITY DEVELOPMENT AND
EXTENSION MANAGEMENT)
(MSCHSC)**

Term-End Examination

June, 2026

**MHC-008 : RESEARCH METHODS IN
COMMUNITY DEVELOPMENT AND EXTENSION
MANAGEMENT**

Time : 3 Hours

Maximum Marks : 100

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

1. Explain the conceptual foundations of scientific research with reference to facts and theory. 20
2. (a) Define hypothesis. Explain its role and characteristics in scientific research. 10
(b) Describe the process of formulating and testing a hypothesis. 10
3. (a) Explain the meaning of development research. Discuss different approaches used in development research and their applications. 10
(b) Describe the core principles that influence development research practices. 10
4. What is meant by project formulation ? Discuss the process of project formulation in detail. 20
5. (a) Discuss the importance of monitoring and evaluation in development research. 10
(b) Define non-probability sampling and describe its types with examples. 10

6. What is standardisation in testing ? Discuss the types of tests on the basis of standardisation. 20
7. Describe the steps involved in conducting hypothesis testing using SPSS software. 20
8. Write short notes on any *four* of the following : 4×5=20
- (a) Observational design
 - (b) Ethical acceptability of research
 - (c) Participant observation
 - (d) Generalogy
 - (e) F-test of two sample variances
 - (f) Cross-sectional data
 - (g) Ethnography

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