



Avinashilingam Institute for Home Science and Higher Education for Women

Deemed to be University Estd. u/s 3 of UGC Act 1956, Category A by MHRD (now MoE)

Re-accredited with A++ Grade by NAAC. CGPA 3.65/4, Category I by UGC

Coimbatore - 641 043, Tamil Nadu, India

Master's Degree Examination – May 2025 II Semester

Class : I P.G.
Major : Economics

Time: 3 Hours
Max. Marks: 100

23MECC09 Research Methodology

Course Outcomes:

- CO1: Knowledge about market structure, factor pricing and welfare.
CO2: Understand the different approaches to the theory of firm and distributions.
CO3: Comprehend the implications of General equilibrium analysis.
CO4: Evaluating the conditions for optimality.
CO5: Evolving policy measures for welfare maximizations.

Part A Choose the Correct Answer

10 x 1 = 10

- An image, perception or concept that is capable of measurement is called
a. Scale b. Hypothesis c. Type d. Variable CO1K3
- In order to pursue the research, which of the following is priorly required?
a. Developing a research design b. Formulating a research question
c. Deciding about the data analysis procedure d. Formulating a research hypothesis CO1K2
- A wrong questionnaire is an example of
a. Primary data collection problem b. Secondary collection problem
c. a and b both d. None of the above CO2K4
- The existing company information is an example of which data?
a. Primary b. Secondary c. Both a and b d. None of the above CO2K3
- What are the conditions in which Type-I error occurs?
a. The null hypotheses get accepted even if it is false
b. The null hypotheses get rejected even if it is true
c. Both the null hypotheses as well as alternative hypotheses are rejected
d. None of the above CO3K4
- In the process of conducting research 'Formulation of Hypothesis' is followed by
a. Statement of Objectives b. Analysis of Data
c. Selection of Research Tools d. Collection of Data CO3K2
- _____ technique quantifies subjective perceptions.
a. Scaling b. Chisquare c. PCA d. Regression CO4K2
- _____ estimates the relationship between dependent and independent variables.
a. Factor b. Regression c. Discriminant d. Likert CO4K3
- The final stage in the Research Process is
a. Problem formulation b. Data collection c. Data Analysis d. Report Writing CO5K2
- Which of the following is not one of the major parts of the research report?
a. Results b. Abstract c. Method d. Footnotes CO5K3

Part B

5 x 6 = 30

Answer ALL questions

Each answer should not exceed 400 words or two pages

- 11.a. What are the different types of research? CO1K3
- (or)
- 11.b. What are the qualities of a good researcher? CO1K2
- 12.a. What are the benefits of the case study method? CO2K4
- (or)
- 12.b. What are the various sources to collect data from web pages? CO2K3
- 13.a. What are the types of research design? Explain in brief. CO3K5
- (or)
- 13.b. Point out the characteristics of a good hypothesis. CO3K4
- 14.a. What are the procedures to estimate multiple linear regression? CO4K2
- (or)
- 14.b. Point out the advantages of scaling techniques in research. CO4K3
- 15.a. What are the steps in research report writing? CO5K3
- (or)
- 15.b. Point out the importance of foot notes. CO5K2

Part C

5 x 12 = 60

Answer ALL questions

Each answer should not exceed 800 words or four pages

- 16.a. Analyse the formulation of a research problem. CO1K2
- (or)
- 16.b. Explain the various sampling techniques in research. CO1K4
- 17.a. Explain the merits and limitations of secondary data collection. CO2K3
- (or)
- 17.b. Explain in brief the methods of primary data collection. CO2K4
- 18.a. Describe the importance and prerequisites for testing of hypothesis. CO3K4
- (or)
- 18.b. Examine the problems in formulating hypothesis. CO3K2
- 19.a. Explain the procedure to estimate and interpret Principal Component Analysis. CO4K1
- (or)
- 19.b. Explain the procedure to estimate and interpret discriminant analysis. CO4K3
- 20.a. Examine the precautions to be taken while interpreting the research report. CO5K2
- (or)
- 20.b. Explain the format of the research report. CO5K3