



Mavinney

**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)  
Re-accredited with 'A++' Grade by NAAC. Recognised by UGC Under Section 12B  
Coimbatore - 641 043, Tamil Nadu, India

**Continuous Internal Assessment Test I – August 2024**  
**SEMESTER-I**

Class : I M.Ed

Max. Marks: 60  
Time: 2 Hrs

**23MEDC03-Introduction To Educational Research And Statistics**

**Course Outcomes**

- CO1** Independently search for, integrate and critically assess research information within the field of education  
**CO2** Design different data collection methods and conduct an in-depth interview, a focus group, qualitative case study and a mixed method study  
**CO3** Construct instruments for the measurement of different psychological sociological, technological and other Educational factors  
**CO4** Enter, analyze and interpret the results of the data using SPSS and Microsoft Excel  
**CO5** Apply basic concepts in Statistics to educational research

**PART – A**

**Choose the correct answer**

1. Research in Education means----- 6 x 1 = 6  
CO1K3  
a. Conducting experiment  
b. Searching again and again  
c. Finding solution to any problem  
d. Scientific approach to new truth
2. The essential quality of a researcher is----- CO1K2  
a. Punctuality in research  
b. Intelligence in research  
c. Genuine interest in research  
d. Mastery in research
3. Internal and external criticism are the processes involved in-----research. CO2K3  
a. Historical  
b. Survey  
c. Experimental  
d. Basic
4. The distinctive feature of qualitative research is----- CO2K2  
a. Deductive based  
b. Hypothesis based  
c. Inductive based  
d. Generalization
5. The first step in the research process is----- CO3K2  
a. Searching sources of information  
b. Survey of related literature  
c. Identification of a broad area of research  
d. Searching for solution to problem
6. Research problem is selected on the basis of CO3K3  
a. Researcher's interest  
b. Financial support  
c. Social relevance  
d. Availability of relevant literature

**PART – B**

**Answer ALL questions**

**3 x 6 = 18**

**Each answer should not exceed 200 words**

7. a. Comment on the role of research in Education. CO1K2  
(OR)
7. b. Outline the criteria of good research. CO1K2
8. a. Point out the need and importance of applied research CO2K3  
(OR)
8. b. List the merits and demerits of research. CO2K3
9. a. How would you select a research problem? CO3K3  
(OR)
9. b. Mention the characteristics of a good sample. CO3K2

**PART – C**

**Answer ALL questions**

**3 x 12 = 36**

**Answer should not exceed 800 words**

10. a. State the areas of research in Education with suitable illustrations. CO1K2  
(OR)
10. b. Discuss the role of computer technology in Educational research. CO1K2
11. a. Differentiate qualitative and quantitative research. CO2K3  
(OR)
11. b. What is descriptive research? Illustrate any one method to conduct descriptive research. CO2K3
12. a. Elucidate the steps involved in research process? CO3K2  
(OR)
12. b. Define hypothesis. Highlight the characteristics and types of hypothesis. CO3K2

**Staff in-charge: Dr.R.Vaijyanthi**