

Mallinagar



**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 - February 2023**  
**SEMESTER- II**

Class : I M.Ed

Max. Marks: 60  
Time: 2 Hrs

**21MEDC07:Advanced Educational Research and Statistics**

**Course outcomes**

- CO1** Choose appropriate quantitative or qualitative method to collect data  
**CO2** Write a research proposal suitable for submission to a research funding body  
**CO3** Carry out independent research using a range of research designs and methods  
**CO4** Maintain respect for individual research contributions and intellectual property rights and demonstrate ethical behavior  
**CO5** Interpret and present the results of an independently conducted statistical analysis

**PART – A**

**Choose the correct answer**

**6 x 1 = 6**

1. Ethnography does not include CO1 K1  
a. Field Notes b. Objective Analysis  
c. Participant Observation d. Value Neutrality
2. Relics are considered credible by which of the following Research methodology? CO3 K1  
a. Experimental b. Quantitative  
c. Historical d. Descriptive
3. Which of the following are the means of control in experimental research? CO1 K1  
A. Controlling Physical Settings B. Choice of participants  
C. Statistical analysis D. Focussing on Short-term effects  
E. Sidetracking the causal factors  
a. A, B and C only b. B, C and D only  
c. C, D and E only d. A, D and E only
4. Which of the following is common in all true experimental and Quasi experimental designs? CO3 K1  
a. Control group b. Randomization  
c. Pre-testing and post-testing d. Pre-testing
5. Which of the following abbreviations used in footnotes and endnotes means 'in the same place'? CO2 K1  
a. et.al. b. loc.cit. c. ibid. d. op.cit.
6. In writing a research report, arrange the following in order and indicate your answer by selecting the correct code CO2 K1  
1. Implications 2. Results 3. Suggestions 4. Conclusions  
a. 3, 2, 4, 1 b. 2, 4, 1, 3  
c. 4, 1, 3, 2 d. 1, 2, 3, 4

**PART – B**

**Answer ALL questions**

**3 x 6= 18**

**Each answer should not exceed 400 words or two pages**

- |    |    |  |        |
|----|----|--|--------|
| 7. | a. | Enumerate the reasons for conducting Qualitative Research<br>(OR)      | CO1 K3 |
| 7. | b. | Explain the Four-Step Coding Instrument for Grounded Theory            | CO2 K3 |
| 8. | a. | Explain the types of experimental design<br>(OR)                       | CO3 K3 |
| 8. | b. | Differentiate quasi experimental and true experimental research design | CO2 K4 |
| 9. | a. | Elucidate the importance and formulation of research report<br>(OR)    | CO2 K3 |
| 9. | b. | List Criteria for the evaluation of the Research Report                | CO2 K3 |

**PART – C**

**Answer ALL questions**

**3 x 12 = 36**

**Answer should not exceed 800 words or four pages**

- |     |    |  |        |
|-----|----|--|--------|
| 10. | a. | List the 5 phases of the quantitative research process?<br>(OR)  | CO1 K3 |
| 10. | b. | List the Different Qualitative studies and describe any 3 in detail                                    | CO3 K3 |
| 11. | a. | Enumerate the validity problems and factors affecting internal and external validity<br>(OR)           | CO3 K4 |
| 11. | b. | Write in detail the 7 steps of experimental design   | CO2 K4 |
| 12. | a. | Explain the importance and formulation of research report<br>(OR)                                      | CO1 K3 |
| 12. | b. | Differentiate the general structure of research report with the general structure of research proposal | CO2 K5 |

**Staff in-charge: Dr. Santhoshini. K**

**No. of Copies: 10**