



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

Continuous Internal Assessment Test I – February 2025
Semester-II

Class : I PG

Time: 2 hours

Major: Interior Design and Resource Management

Max. Marks: 60

23 MIRC08 Research Methods and Statistical Applications

Course Outcomes:

1. Design the tools for collection; identify the samples, interpretation of data with the use of tables and pictorial representations.
2. Assess the numerical data for providing statistical evidences to support the research results.
3. Become a qualified researcher
4. Apply statistical tools to ensure reliability and validity of data
5. Present research data in a scientific manner

Part A

6 x 1 = 6

Choose the correct answer

1. Research gathers new knowledge or data from primary or -----sources. (CO1 K2)
a. first hand b. secondary c. recorded d. scientific
2. Research is carefully -----and----- (CO2 K3)
a. recorded and reported identified and analyzed c. maintained and monitored
d. planned and executed
3. Types of research based on methods is called (CO2 K1)
a. ex-post facto research b. pure research c. fundamental research d. applied research
4. Interviews are classified as ----- (CO1 K2)
a. Structured and non structured b. programmed and non programmed
c. general and specific d. systematic and non systematic.
5. A complete enumeration of all items in the population is known as a -----Inquiry (CO2 K3)
a. census b. sampling c. Quota d. Sequential
6. Convenience sampling is also called as -----sampling (CO2 K1)
a. chunk b. random c. purposived. cluster

Part B

Answer the following

3X6=18

Answer should not exceed 200 words or two pages

- 7.a. Explain the characteristics of research (CO2 K3)
(Or)
- 7.b. Differentiate fundamental and applied research (CO1 K3)
8. a. State the qualities of good research (CO3 K1)
(Or)
8. b. Differentiate pre-testing and pilot study (CO3 K2)
9. a. Explain the type of surveys (CO3 K2)
(Or)
- 9.b. Explain the merits and demerits of primary and secondary data (CO2 K3)

Part C

Answer the following

3 x 12 = 36

Answer should not exceed 800 words or four pages

- 10.a Explain the qualities of a good research worker (CO2 K2)
(Or)
- 10.b. Write on the types of research based on methods (CO3 K2)
- 11.a. Elaborate on Research Design (CO3 K1)
(Or)
11. b. Explain probability sampling methods (CO2 K2)
12. a. Briefly explain the points to be considered for constructing the questionnaire. (CO3 K2)
(Or)
12. b. Explain action research with suitable example (CO3K4)

No of copies: 7

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