## 6 SEM TDC HSCH (CBCS) C13

**2 0 2 2**

( June/July )

# HOME SCIENCE

( Core )

Paper : C–13

( Research Methodology in Home Science )

*Full Marks* : 53

*Pass Marks* : 21

*Time* : 3 hours

*The figures in the margin indicate full marks
for the questions*

1. Fill in the blanks :  1×5=5

   *(a)* Research design helps to plan in advance the methods and techniques to be used for collecting and _____ data.

   *(b)* _____ research requires large samples.

   *(c)* The biggest limitations of field survey are _____ and time.

( *Turn Over* )

*(d)* Explanatory variables are the variables whose effects researchers wish to _____.

*(e)* Synopsis is an abstract form of research which underlines the research procedure followed and is presented before the guide for evaluating its _____.

**2.** Write True or False for the following : 1×4=4

*(a)* Qualitative methods are concerned with attempts to quantify social phenomena and collect and analyse numerical data.

*(b)* Research is a systematic approach to purposeful investigation.

*(c)* A researcher should always avoid selecting the first problem that he encounters.

*(d)* True panel involves repeat measurement of the same variables.

**3.** What do you understand by the following (any *four*)? 2×4=8

*(a)* Exploration

*(b)* Hypothesis

*(c)* Sampling

*(d)* Research

*(e)* Empirical

*( Continued )*

( **3** )

4. Write the differences between the following (any *two*) :  4×2=8

    (a) Quantitative approach and Qualitative approach

    (b) Validity and Reliability

    (c) Basic research and Applied research

    (d) Interviewing method and Observational method

5. Write short notes on any *three* of the following :  4×3=12

    (a) Characteristics of good sample design

    (b) Research methodology

    (c) Different types of hypothesis

    (d) Unit of analysis

    (e) Problems in research process

6. What is the purpose for doing a research?  6

*Or*

Write the roles of sampling in research.

7. Define variable. How will you ensure accuracy in measuring a variable?  2+8=10

*Or*

Write on the review of related literature and originality in writing.  5+5=10

*Or*

Explain how to plan a research.  10

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