



Name : .....

Roll No. : .....

Invigilator's Signature : .....

**CS/BHMCT/NEW/SEM-8/HM-808/2013**

**2013**

**RESEARCH METHODOLOGY**

Time Allotted : 3 Hours

Full Marks : 70

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words  
as far as practicable.*

**GROUP – A**

**( Multiple Choice Type Questions )**

1. Choose the correct alternatives for the following :

10 × 1 = 10

- i) The fundamental of the reseach is to find out
  - a) the original data of the research
  - b) the hidden data
  - c) previous data
  - d) missing data.
- ii) Qualitative research is undertaken to
  - a) emphasis on primary statistical data analysis
  - b) importance on reasons of human behaviour
  - c) stress on secondary statistical data analysis
  - d) reveal hidden facts.



- iii) Primary data can be collected through
  - a) online database
  - b) case studies
  - c) mechanical
  - d) observation.
- iv) Questionnaire prepared could be either
  - a) structured                      b) multiple choice
  - c) open ended                      d) all of these.
- v) Dichotomous questions are
  - a) structured and open ended
  - b) structured and closed ended
  - c) unstructured and open ended
  - d) unstructured and close ended.
- vi) A method in which the background of certain data or the history of data is presented
  - a) Histogram
  - b) Frequency polygon
  - c) Cumulative frequency curve
  - d) Pie charts.
- vii) Research is an attempt to
  - a) Gain knowledge
  - b) Solve problems
  - c) Test ideas and insight
  - d) all of these.



- viii) Which average is most affected by extreme observation ?
- a) Mode
  - b) Median
  - c) Arithmetic mean
  - d) Geometric mean.
- ix) Designing a research study means
- a) data gathering
  - b) data analysis
  - c) an outline of the research project
  - d) designing data interrelationship.
- x) Variables are
- a) characteristics being measured
  - b) estimate
  - c) hypothesis
  - d) types of data.

**GROUP - B**

**( Short Answer Type Questions )**

Answer any *three* of the following.  $3 \times 5 = 15$

2. What are the points a researcher should keep in mind while selecting a topic of research ?
3. Differentiate between qualitative and quantitative research.
4. Differentiate between structured and unstructured interview.
5. Differentiate between nominal and ordinal scale.
6. What are the various steps involved in the design of a questionnaire ?

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**GROUP – C**  
**( Long Answer Type Questions )**

Answer any *three* of the following.

$3 \times 15 = 45$

7. What are the steps in research design ? Explain the difference between exploratory, descriptive and causal research.
8. Define primary data and secondary data. Define some of the methods of collecting primary data.
9. What are the steps involved in a research process ?
10. Write down the various steps of data analysis and report writing.
11. Explain in detail about planning, organizing and supervision in field work.

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