

Subject : Research Methodology

Day : Tuesday
Date : 06/12/2016



Time : 10.00 A.M. TO 01.00 P.M.
Max Marks : 70 Total Pages : 1

N.B. :

- 1) Attempt **ANY FOUR** questions from **Section-I**. Attempt **ANY TWO** questions from **Section-II**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answer to both the section should be written in the **SAME** answer book.
- 4) Use of Non-Programmable calculator is **ALLOWED**.

SECTION-I

- Q.1** Explain the different methods of collecting primary data? (10)
- Q.2** What is sampling? Explain the different probability sampling methods. (10)
- Q.3** What is the meaning of Hypothesis? Describe the procedure for conducting hypothesis test. (10)
- Q.4** Explain the various steps of Research Report writing. (10)
- Q.5** Explain different levels of measurement scales with suitable examples. (10)
- Q.6** Write short note on **ANY TWO** of the following : (10)
- a) Characteristics of good questionnaire
 - b) Research approaches
 - c) Processing of data

SECTION-II

- Q.7** Explain the five measures of Central Tendency with suitable examples. (15)
- Q.8** Prepare a questionnaire for D.Mart, aimed at evolving better ways of providing shopping facilities to the consumers. (15)
- Q.9** From the data given below about the treatment of 250 patients suffering from a disease, state whether the new treatment is superior to the conventional treatment. Use χ^2 test. (15)

Treatment	No. of patients		Total
	Favourable	Not Favourable	
New	140	30	170
Conventional	60	20	80
Total	200	50	250

(Given $\chi^2_{0.05}$ for 1 degree of freedom = 3.84)

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