No. of Printed Pages : 2

MS-95

00810

MANAGEMENT PROGRAMME

Term-End Examination

June, 2015

MS-95 : RESEARCH METHODOLOGY FOR MANAGEMENT DECISIONS

Time : 3 hours *Maximum Marks : 100*

(Weightage : 70%)

Note : *(i) This question paper contains* ***two Sections*** *Section-A and Section-B.*

(ii) Attempt ***any four*** *questions from* ***Section-A****, each carrying* ***20*** *marks.*

(iii) ***Section-B*** *is* ***compulsory*** *and carries* ***20*** *marks.*

SECTION - A

1. What do you understand by 'Research' ? Discuss with examples "Exploratory research", 'Descriptive research', and 'Experimental research'.

2. Define Secondary Data. State their chief sources and point out the dangers involved in their use and precautions necessary to use them. Illustrate with examples.

3. What do you know about sampling design ? What points should be taken into consideration while developing sampling design ?

4. Describe, in brief, importance of editing, coding, classification, tabulation and presentation of data in the context of research study.

5. What is the 'X'-Raying of Facts ? "Facts often get shaded by three smoke screens - words, opinions, and assumptions". Elaborate in detail.

6. Write short notes on **any two** of the following :
   (a) Communication Dimensions
   (b) Factor Analysis
   (c) Multistage Sampling
   (d) Latin Square Design

SECTION - B

7. The data given below is on a large industrial plant's daily emission of sulphur oxides (in tons)

17	15	20	29	19	18	22	25	27	9
24	20	17	6	24	14	15	23	24	26
19	23	28	19	16	22	24	17	20	13
19	10	23	18	31	13	20	17	24	14

Use the one - sample sign test to test the null hypothesis that the plant's true average daily emission of sulphur oxide is $\mu = 23.5$ tons against the alternative hypothesis $\mu < 23.5$ tons at the 0.05 level of significance.