Day : Monday   Time :   02.00 PM TO 05.00 PM
Date : 13/05/2019   S-2019-4999   Max. Marks : 70

N.B. :
  1)   Attempt **ANY FOUR** questions form Section - **I**. Each question carries **10** Marks.
  2)   Attempt **ANY TWO** questions from Section – **II**. Each question carries **15** marks.
  3)   Figures to the right indicate **FULL** marks.
  4)   Use of non-programmable calculator is **ALLOWED**.

SECTION - I

Q.1   What do you mean by research? Explain the importance of research in managerial decision making.

Q.2   What is a research problem? Give two examples to illustrate your answer.

Q.3   What is sampling? Explain any four sampling techniques in brief.

Q.4   Explain various steps involved in processing of data.

Q.5   What is report? Explain the format of good research report.

Q.6   Write short notes on **ANY TWO** of the following:
  a)   Characteristics of computer.
  b)   Use of secondary data.
  c)   Objectives of research.

SECTION – II

Q.7   What is research design? Explain importance of research design in brief.

Q.8   The side effects of a new drug are being tested against a placebo. A simple random sample of 565 patients yields the results below. At a significance level of at α = 0.05, test weather, the treatment is independent of the side effect of nausea.
(Given χ^2 at 5% level of significance and 1 degree of freedom = 3.84)

	Drug	Placebo	Total
Nausea	36	13	49
No Nausea	254	262	516
Total	290	275	565

Q.9   Explain research process in brief.

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