

S.D.E.

M.B.A. SEM-II (2013 COURSE) : WINTER - 2017
SUBJECT: RESEARCH METHODOLOGY

Day: Wednesday
Date: 20/12/2017

Time: 02.00 PM TO 05.00 PM
Max. Marks: 70

W-2017-4198

N.B.:

- 1) Attempt ANY THREE questions from Section-I.
- 2) Attempt ANY TWO questions from Section-II.
- 3) Figures to the right indicate FULL marks.
- 4) Answer to both sections should be written in the SEPARATE answer book.
- 5) Each question carries 14 marks.

SECTION-I

- Q.1 Define Research. Explain its scope in brief.
- Q.2 What is sampling? Explain sampling techniques.
- Q.3 Enumerate the different methods of collecting data. Which one is the most suitable for conducting enquiry regarding family welfare programme in India? Explain its merits and demerits.
- Q.4 How are computers used as a tool in research? Explain giving examples.
- Q.5 Write short notes on Any TWO of the following:
- a) Type I error and Type II error
 - b) Processing of data
 - c) Format of research report

SECTION-II

- Q.6 Elaborate the research process in brief.
- Q.7 The table given below shows the data obtained during outbreak of smallpox.

| | Attacked | Not Attacked | Total |
|----------------|----------|--------------|-------|
| Vaccinated | 31 | 469 | 500 |
| Not Vaccinated | 185 | 1315 | 1500 |
| Total | 216 | 1784 | 2000 |

Test the effectiveness of vaccination in preventing the attack from smallpox. Test your result with the help of χ^2 at 5% level of significance. (Given: χ^2 at 1 degree of freedom = 3.841)

- Q.8 What is research design? Explain any three research designs in brief.

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