

I.M.C.A. SEM-VII (2014 COURSE) CBCS : SUMMER - 2018
SUBJECT : EMPIRICAL METHODS FOR RESEARCHING INFORMATION
SYSTEMS

Day : **Saturday**
Date : **05/05/2018**

S-2018-1775

Time : **02.00 PM TO 05.00 PM**
Max. Marks :100

N.B.

- 1) Attempt **ANY FOUR** questions from Section –I and **ANY TWO** questions from Section-II.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Answer to both the sections should be written in the **SEPARATE** answer book.
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SECTION - I

- Q.1** Discuss the 6P Model of Research in full details. **(15)**
- Q.2** a) Discuss how to use CASE STUDY as an effective method of research. You are free to use an illustrative example. **(08)**
b) Ethnography is a research strategy? Comment. **(07)**
- Q.3** Discuss the format of typical research paper. When do you say that paper is peer reviewed? **(15)**
- Q.4** How do you go about identifying a research problem. Illustrate the process with an example. **(15)**
- Q.5** Established a clear analogy between a Software Development Project and a Research Project in Information System. **(15)**
- Q.6** Following concepts are very important in any research venture. Discuss their importance. **(15)**
1.Avoid Plagiarism 2. Adequacy of Data 3. Identification of Research gap
- Q.7** Write short notes on any three of the following: **(15)**
1.Interview 2. Triangulation 3. Electronic survey 4.Observations

P.T.O.

SECTION – II

Q.8 a) A die is rolled 100 times with the following distribution: **(10)**

Number	1	2	3	4	5	6
Observed Frequency	17	14	20	17	17	15

As the 1% level of significance, determine whether die is true(or uniform)

b) Explain Analysis of Variance in details. **(10)**

Q.9 a) Calculate Karl Pearson's coefficient of Correlation from the following data: **(10)**

X	6	8	12	15	18	20	24	28	31
Y	10	12	15	15	18	25	22	26	28

b) Explain all Statistical Packages in detail. **(10)**

Q.10 Find the mean, mode and median from the following series **(20)**

Income (Rs)	0-5	5-10	10-15	15-20	20-25	25-30
Frequency	5	7	10	8	6	4

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