

Total No. of Questions : 8]

SEAT No. :

P-7509

[Total No. Of Pages : 2

[6180]-16

T.E. (Civil Engineering)

RESEARCH METHODOLOGY AND IPR

(2019 Pattern) (Semester - I) (ELECTIVE-I) (301005-b)

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates :

- 1) Attempt Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6 and Q.7 or Q.8.
- 2) Neat diagram must be drawn wherever necessary.
- 3) Figures to the right bracket indicate full marks.
- 4) Assume suitable data, if necessary and clearly state.

- Q1)** a) Why tabulation is considered essential in a research study? Narrate the characteristics of a good table. [9]
- b) Differentiate the following with suitable example [9]
- i) Participant observation versus Non-Participant observation
 - ii) Structured interview versus Non—structured interview.

OR

- Q2)** a) Write down the differences in the methods of data collection qualitative and quantitative research. [9]
- b) State and discuss the factors affecting the inferences drawn from a sample. [9]
- Q3)** a) Differentiate between bibliography and footnotes or references. Illustrate your answer with examples. [8]
- b) Explain the technique and importance of oral presentation of research findings. Is only oral presentation sufficient? If not, why? [9]

OR

- Q4)** a) State the different criteria for judging the research. [8]
- b) Discuss the linear regression analysis in details. [9]

P. T. O

- Q5) a)** Explain the rights of reproduction in copy rights. [8]
- b) Explain why agencies responsible for intellectual Property Registration with any two examples. [9]

OR

- Q6) a)** Write few lines about IPR? Do you think this is useful rights for us? Explain. [8]
- b) How does WIPO promote the protection of intellectual property? [9]

- Q7) a)** Explain the process of the Patent Application. [9]

- b) Write about the following terms: [9]

- i) Trademark and Service marks
- ii) Copyrights
- iii) Patent
- iv) Trade Secrets

OR

- Q8) a)** When the procedure for fill the application and registration of copyright. [9]

- b) Describe the procedure for restoration of Copyright. [9]

