

- (b) “Case study is an empirical enquiry that investigates a phenomenon or setting.” In the light of this statement discuss strength and weakness of case study research.

5+5=10

#### Unit IV

7. As project manager of your company, you are required to submit and present proposal before Government Officials for construction of public housing. What are basic rules of rhetoric applied in the written and spoken word ? **10**
8. (a) Write parenthetical citation and reference for the below given research paper in Harvard Style.
- Title of Paper : An empirical study on factors leading to the success of construction organizations in India

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No. of Printed Pages : 6

Roll No. ....

**18AA2267**

**M. Tech. EXAMINATION, May 2019**

(First Semester)

(C Scheme) (Re-appear)

CONSTRUCTION AND REAL ESTATE

MANAGEMENT

MCRM613C

Research Methods & Communication Skills

*Time : 3 Hours]*

*[Maximum Marks : 75*

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Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

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**Note :** Attempt *Five* questions in all, selecting at least *one* question from each Unit. Q. No. 9 is compulsory. All questions carry equal marks.

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**P.T.O.**

### Unit I

1. (a) Define research and discuss the objectives of research in detail.  
(b) Differentiate between the quantitative and qualitative research methods. **5+5=10**
2. What is the purpose of literature review in research ? Elucidate its characteristics and sources of literature. **10**

### Unit II

3. What are methods of data collection ? Discuss each method with example. **10**
4. Write short notes on any *two* of the following :
  - (a) Likert attitudinal scale
  - (b) Ethnography
  - (c) Case studies
  - (d) Experimental research **5+5=10**

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### Unit III

5. "Processing of data implies editing, coding, classification and tabulation." Describe in brief these four operations pointing out the significance of each in context of research study. **10**
6. (a) Find the mean, median, mode of the test results given in the table below : **10**

Tests	Test Results
1	90
2	80
3	77
4	86
5	90
6	91
7	77
8	66
9	69
10	65
11	75
12	43
13	90

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P.T.O.

- (c) Anjali says, “The weather forecast in the newspaper is always right and tommorrow’s forecast is for a beautiful day, so that’s what it will be.”
- (d) Rajani says, “The barometric pressure has been rising for three days, and whenever that happens we have beautiful weather for the next week, so tomorrow is sure to be beautiful.” **10**

Authors : K. K. Tripathi and N. K. Jha  
Year of Publication : 2015  
Name of journal : International Journal of Construction Management  
Volume : 2  
Issue : 1  
Pages : 1 – 18

- (b) Which of the following would be the strongest inductive argument for the claim, “The weather for tommorrow will be beautiful” ? Discuss, how to apply Barbara Minto’s pyramid principle for each claim. **10**

9. (a) Divya says, “Tomorrow is my birthday and the weather on my birthday is always beautiful.”
- (b) Disksha says, “The weather forecast in the newspaper is always wrong and tomorrow’s forecast is for rain, so it will probably be beautiful.”