

mode and the range of each subject ?

No. of Printed Pages : 05

Roll No.

Roll No.	Marks in Economics	Marks in Statistics
1	78	84
2	36	51
3	98	91
4	25	60
5	75	68
6	82	62
7	90	86
8	62	58
9	65	53
10	39	47

AA-665

Master of Construction and Real Estate Management/M. Tech. (CREM) EXAMINATION, May 2017

(First Semester)

(Re-appear Only)

MCRM-611

RESEARCH METHODS AND
COMMUNICATION SKILLS

Time : 3 Hours]

[Maximum Marks : 75

6. Discuss, how you can apply Barbara Minto's pyramid principle for logically writing proposal for developing a property in Gurgaon ? **15**

Unit IV

7. As project manager of your company, you are required to submit and present proposal before

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.

Note : Attempt *Five* questions in all, selecting at least *one* question from each Unit. All questions carry equal marks.

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(2-06) M-AA-665

P.T.O.

Unit I

1. There are various steps involved in research process and they vary based on the research problem. Explain the steps involved in research process keeping in mind the context of research problem of construction management. **15**
2. (a) “The first stage in research is to look for information and opinions on your research problem.” What are the sources of identifying research problem ?
(b) What is literature review ? Elucidate its characteristics and source of literature.
 $7\frac{1}{2}+7\frac{1}{2}=15$

Unit II

3. What is meant by research variables and level of measurement ? What difference does it make when we measure variables in terms of nominal, ordinal, interval or ratio scale ? Explain giving examples. **15**

4. Write short notes on any *three* of the following :
 - (a) Types of Hypothesis
 - (b) Semantic differential scale
 - (c) Census and sample survey
 - (d) Informal experimental research.

5+5+5=15

Unit III

5. (a) Which of the following would make the best major premise for a deductive argument ?
 - (i) No one has ever seen a ghost
 - (ii) There are no ghosts.
 - (iii) Ghosts are the products of over-active imaginations
 - (iv) Scientific study has proven that there are no ghosts.
- (b) Ten students got the following percentage of marks in the course of Economics and Statistics. What is the mean, median,

Government officials for construction of public housing. What are basic rules of rhetoric applied in the written and spoken word ? **15**

8. (a) Write parenthetical citation and reference for the below given book in Harvard and Chicago style :

Title of book : Construction Management Fundamentals

Authors : Kraig Knutson, Clifford J. Schexnayder, Christine M. Fiori and Richard. Mayo

Year of publication : 2008

Publisher : McGraw Hill Science

City of publication : Hoboken, New Jersey

- (b) Distinguish between a technical report and a popular report. Describe, in brief the layout of a research report, covering all relevant points. $7\frac{1}{2}+7\frac{1}{2}=15$

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