

Reg. No.....

(2 pages)

K 6365

Name.....

SECOND SEMESTER M.A. DEGREE EXAMINATION, MAY/JUNE 2005

Branch – Personnel Management

PM 224 – RESEARCH AND STATISTICS FOR MANAGEMENT

Time : Three Hours

Maximum : 75 Marks

Part I*Answer any five questions.**All questions carry equal marks.**Answer should not exceed 300 words each.*

1. What is research ? What are the various stages ?
2. What is Hypothesis ? What is its role in research.
3. Distinguish Independent and Dependent variables.
4. What is probability sampling ?
5. What are sensitive questions ? How is it differ from Factual questions.
6. What is pre testing ? What is its relevance in the drafting of questionnaire ?
7. Calculate the Coefficient of rank Correlation Coefficient from the following data :

X	48	33	40	9	16	16	65	24	16	57
Y	13	13	24	6	15	4	20	9	9	19

8. What are the Characteristics of a Good-research project ?

(5 × 6 = 30 marks)

Part II*Answer any three questions.**All questions carry equal marks.**Answer should not exceed 1200 words each.*

9. What is research design ? Explain briefly the experimental research design.
10. What is sampling ? Discuss the use of sampling techniques in research project.
11. What is a questionnaire ? What are the various steps in the preparation of a questionnaire ?
12. In a test given to two groups of students the marks obtained were as follows :

First Group	18	20	36	50	49	36	34	49	41
Second Group	29	28	26	35	30	44	46		

Turn over

Examine the significance of difference between mean marks obtained by students of the above two groups. Test at five percent level of significance.

13. What is Chi-square test ? Explain its significance in Statistical analysis.

(3 × 15 = 45 marks)

Maximum : 75 Marks

Time : Three Hours

Part I

Answer any five questions.
All questions carry equal marks.
Answer should not exceed 300 words each.

1. What is research ? What are the various stages ?
2. What is Hypothesis ? What is its role in research.
3. Distinguish Independent and Dependent variables.
4. What is probability sampling ?
5. What are sensitive questions ? How do they differ from factual questions ?
6. What is pre testing ? what is its relevance in the drafting of questionnaire ?
7. Calculate the Coefficient of rank Correlation Coefficient from the following data :

X	48	33	40	9	18	16	65	24	18	57
Y	13	13	24	8	15	4	20	9	9	19

8. What are the Characteristics of a Good research project ?

(5 × 8 = 40 marks)

Part II

Answer any three questions.
All questions carry equal marks.
Answer should not exceed 1200 words each.

9. What is research design ? Explain briefly the experimental research design.
10. What is sampling ? Discuss the use of sampling techniques in research project.
11. What is a questionnaire ? What are the various steps in the preparation of a questionnaire ?
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