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Reg. No.................................

Name.................................

SECOND SEMESTER M.A. DEGREE EXAMINATION, JULY/AUGUST 2004

Branch : Personnel Management

P.M. 224. RESEARCH AND STATISTICS FOR MANAGEMENT

Time : Three Hours

Maximum : 75 Marks

Part I

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

1. What is hypothesis ? Briefly explain the process in hypothesis "setting".

2. What is exploratory research ? How is it different from analytical research ?

3. What is prelisting ? What is its relevance in drafting of questionnaire ?

4. What are the characteristics of a good research report ? Discuss.

5. What is correlational analysis ? Discuss.

6. Distinguish between Type I error and Type II error.

7. Find the mean days and standard deviation of confinement after delivery in a maternity ward from the data given below :

Days of confinement	:	4	5	6	7	8	9	10
Number of patients	:	10	20	12	10	6	4	1

8. What is sensitive questions ? How is it differ from factual questions ?

(5 × 6 = 30 marks)

Part II

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

9. What is meant by "testing of hypothesis" ? Describe the important steps involved.

10. Describe the various steps in a research process.

11. Discuss the various probability sampling techniques.

12. The following are years of experience (X) and average customer satisfaction (Y) for 10 service providers. Find rank correlation between the two measures :—

X	:	6.3	5.8	6.1	6.9	3.4	1.8	9.4	4.7	7.2	2.4
Y	:	5.3	8.6	4.7	4.2	4.9	6.1	5.1	6.3	6.8	5.2

13. What is the role of chi-square test in the statistical analysis ? Discuss.

(3 × 15 = 45 marks)