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K 3130

Reg. No.....

Name.....

**SECOND SEMESTER M.A. (PERSONNEL MANAGEMENT) DEGREE
EXAMINATION, JULY/AUGUST 2003**

PM. 2.2.4. RESEARCH AND STATISTICS FOR MANAGEMENT

Time : Three Hours

Maximum : 75 Marks

Part 1

*Answer any 5 questions 5x6=30 marks
All questions carry equal marks
Answers should not exceed 300 words.*

1. Explain the "scientific method".
2. What is the importance of defining a concept?
3. What is the difference between a hypothesis and a proposition?
4. What is meant by a construct?
5. What is operationalisation?
6. What is standardization of a questionnaire?
7. Explain the significance of validity and reliability of a tool.

Part 2

*Answer any 3 questions 3x15=45 marks
All questions carry equal marks
Answers should not exceed 1200 words*

8. Explain the terms exploratory, explanatory and experimental study with sufficient illustrations
9. Explain measures of central tendency? What are its drawbacks.
10. What is the advantage of sampling and what care needs to be taken from the point of view of generalisability?
11. 600 employees were graded according to their performance and the climatic conditions from which they were recruited. Examine whether there is any association between the climatic conditions and their performance.

Climatic condition	Performance		Total
	Excellent	Just satisfactory	
Humid	125	135	260
Dry	175	165	340
	300	300	600

12. Explain the significance of research design. In generalization what does the term ecological fallacy mean?
13. Discuss the ways in which social science research differ from pure science research.