

**M.A. DEGREE EXAMINATION, NOVEMBER 2019**  
**I Year II Semester**  
**Research Methods**

**Time : 3 Hours**

**Max.marks :75**

**Section A** ( $10 \times 2 = 20$ ) Marks

Answer any **TEN** questions

1. What do you mean by Research?
2. What are the features of a good Research Design?
3. What is Ex post facto research?
4. What do you mean size of sample?
5. What is Pilot Survey?
6. What are the various methods of collecting Secondary Data?
7. What do you mean by Telephonic Interview?
8. How is Coding useful in the Data Preparation Process?
9. What is Tabulation?
10. What is the basic principle of ANOVA?
11. What is the meaning of interpretation pertaining to research findings?
12. What are the characteristics of a good Research Report?

**Section B** ( $5 \times 5 = 25$ ) Marks

Answer any **FIVE** questions

13. What is the necessity of defining a Research Problem?
14. Briefly explain the various methods of collecting Primary Data.
15. What are the main steps of Sampling Design?
16. What are the essentials of a good Questionnaire?
17. Explain the usage of 'Mode' by giving an example.
18. What are the various types of Research Reports?
19. What is a hypothesis? What are the characteristics of hypothesis?

**Section C** ( $3 \times 10 = 30$ ) Marks**PART - A - Case Study - Compulsory Question**

## 20. Orientation at Taj

The HR team and the auxiliary trainers would receive and seat the new recruits in a large banquet, giving each of them a signed welcome letter in the form of a printed brochure, but with the new recruits name written by hand and signed personally by the General Manager. Besides giving the history of the Group, its founding values and beliefs, the letter would make the following personal promise to each new recruit:

You have been selected because we believe you have the potential and desire to meet the high standards of excellence that are a hallmark of the Taj Group. We know you have hopes and aspirations of your own, and surely, expectations from us well.

We consider it our obligation on our part to:

Treat you fairly and with respect

Ensure that your work opportunities are exciting and interesting

Provide open, two-way channels of communication

Offer suitable recognition for your dedication and excellence of performance.

Ours is a growing company, continuously improving and expanding. We wish to see you grow along with us.

After they have read the brochure, they would be made to introduce themselves to others, so that they would feel recognised. Then the entire senior management team would join them for an hour. They would individually introduce themselves and extend a personal welcome. As over 70 per cent of them were typically those who had joined in similar capacities in their youth, they would come through as ideal role models to emulate. This would be followed by an open question-and-answer session, ending with a tea break, when they would have an opportunity to informally mix together. A formal audio-visual programme on the group would follow, and a detailed talk highlighting the future of the corporation as also the place in it for the young bright people like the freshers.

Task: Generally, firms with such formal orientation programme ask employees to complete a questionnaire evaluating the programme after a few days, in order to enable the employee to gain some perspective about the work and the company. Assuming yourself as the HR Manager frame a structured questionnaire for the purpose.

**PART - B**

Answer any **TWO** questions

21. Explain the Research Process in brief.
22. "Processing of data implies editing, coding, classification and tabulation". Describe in brief these four operations pointing out the significance of each in the context of research study.
23. Describe the layout of a good Research Report.
24. Test the effectiveness of the vaccination in preventing the attack from smallpox using Chi-Square test. (Assume  $\chi^2$  test at 5% level of significance with 1 degree of freedoms as 3.841)

Table given below shows the data obtained during outbreak of smallpox.

	Attacked (B)	Not Attacked (b)	Total
Vaccinated (A)	31	469	500 (A)
Not Vaccinated (a)	185	1315	1500
Total	216 (B)	1784	2000 (N)

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