



Seat No. \_\_\_\_\_

**HA-161100080402**

**M. B. A. (B & F) (Sem. IV) (CBCS) Examination**

**April - 2023**

**Business Research**

Time :  $2\frac{1}{2}$  Hours / Total Marks : 70

**Instruction :** All questions carry equal marks.

1 Explain what is meant by Research. Define the approaches and characteristics of Research.

2 Discuss the steps of the research problem.

**OR**

2 What is meant by research design ? Explain the characteristics and the type of research design.

3 What is meant by sampling ? Discuss the various types of Sampling.

**OR**

3 The income distribution of the population of a certain town has a mean of Rs. 7000 and a standard deviation of Rs. 183. Could a sample of 82 people with a mean income of Rs. 6580 belong to this population ? (Level of significance : 0.05).

4 Discuss the Primary and Secondary sources of Data Collection.

**OR**

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[ Contd...

- 4 To test the effectiveness of a certain new vaccine against Covid, the following table was obtained (Figures represent the number of persons)

	Infected	Not Infected
Vaccinated	30	160
Not vaccinated	140	460

Does the new vaccine prevent the infection of Covid ?

(Given :  $\chi_{0.05}^2; 1 = 3.84$ ;  $\chi_{0.05}^2; 2 = 5.99$ ;  $\chi_{0.05}^2; 3 = 7.815$ )

- 5 Write short notes on : (any **two**)

- (a) Coding of data.
  - (b) Research Report.
  - (c) Hypothesis Formulation.
  - (d) Survey.
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