

Time: 2½ hrs.

Marks:75

- Note:
1. All questions are compulsory with internal options.
  2. Figures to the right indicate full marks.
  3. Draw neat diagram wherever necessary.

**Q. 1 (A) Fill in the blanks with the correct answer from the alternatives given below. (08)**  
**( Attempt any 8)**

- (1) Second hand data is also called \_\_\_\_\_ data.
  - a) fresh
  - b) original
  - c) permanent
  - d) desk
- (2) Survey is \_\_\_\_\_ method of data collection.
  - a) primary
  - b) secondary
  - c) oral
  - d) written
- (3) H1 is the symbol of \_\_\_\_\_ hypothesis.
  - a) null
  - b) working
  - c) alternative
  - d) statistical
- (4) \_\_\_\_\_ means a part of the whole.
  - a) Sample
  - b) Population
  - c) Questionnaire
  - d) Report
- (5) \_\_\_\_\_ means an imaginary statement put to test.
  - a) Hypothesis
  - b) Questionnaire
  - c) Sample
  - d) Report
- (6) \_\_\_\_\_ research is also called fundamental research.
  - a) Pure
  - b) Qualitative
  - c) Historic
  - d) Applied
- (7) Research uses \_\_\_\_\_ method to find facts to solve a problem.
  - a) natural
  - b) social
  - c) scientific
  - d) historic
- (8) \_\_\_\_\_ is a game plan of research activity.
  - a) Research design
  - b) Questionnaire
  - c) Sample
  - d) Literature review
- (9) \_\_\_\_\_ method of data collection is used in case of scientific study research.
  - a) Interview
  - b) Survey
  - c) Census
  - d) Experimentation
- (10) Editing done at the central office is called \_\_\_\_\_ editing.
  - a) Central
  - b) Field
  - c) Uniform
  - d) Master

**(B) State whether the following statements are true or false. ( Attempt any 7) (07)**

- (1) Applied research is result oriented.
- (2)  $H_0$  is the symbol of alternative hypothesis.
- (3) Observation is primary method of data collection
- (4) Primary method of data collection is less expensive.
- (5) Judgement sampling is non probability type of sampling.
- (6) Primary data involves paperwork.
- (7) Bibliography is included in the concluding part of the report.
- (8) Research has no significance in Business.
- (9) Historical research involves interpreting past events to predict future ones.
- (10) In stratified method of sampling the population is divided into various segments

**Q.2 Explain the nature and characteristics of Research. (07)**  
**Explain the various types of Research. (08)**

**OR**

**Q.2 Explain the essentials of a good Research Design. (07)**  
**Discuss the sources of Hypothesis. (08)**

**Q.3 Explain the methods of collection of Primary data. (07)**  
**Distinguish between primary and secondary data. (08)**

**OR**

**Q.3 What is a Questionnaire? State its importance. (07)**  
**Explain the essentials of a good Questionnaire. (08)**

**Q.4 Calculate Mean, Median and Mode for the data given below: (15)**

| Marks scored in tests | 20-30 | 30-40 | 40-50 | 50-60 | 60-70 | 70-80 |
|-----------------------|-------|-------|-------|-------|-------|-------|
| No. of students       | 5     | 8     | 15    | 12    | 8     | 8     |

**OR**

**Q.4 Explain the stages involved in Data processing. (07)**  
**Explain the significance of Data processing. (08)**

**Q.5 Explain the importance of report writing (07)**  
**Describe in detail the types of report. (08)**

**OR**

**Q.5 Write short notes on ( Attempt any 3) (15)**

- (1) Report writing
- (2) Plagiarism
- (3) Objectives of research
- (4) Secondary data
- (5) Review of Literature

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