

QUESTION 2013

GROUP – A

(Multiple Choice Type Questions)

1. Choose the correct alternatives for any ten of the following:

i) Which of the following contribute(s) to the effectiveness of a report presentation?

a) Content

b) Context

c) Medium

✓ d) All of these

ii) Data refers to a collection of usually the result of experience or observations or experiment.

✓ a) Numbers

b) Organized information

c) Physical quantities

d) None of these

iii) Social research method relies on

a) Empirical evidence

b) Relevant concepts

c) Scientific theories

✓ d) All of these

iv) A null hypothesis is a

a) Hypothesis of interest

b) Hypothesis assigning value 0 to the parameter

✓ c) Hypothesis of no difference

d) Simple hypothesis

v) Discrete variable is also called

a) categorical variable

✓ b) discontinuous variable

c) both (a) & (b)

d) none of these

vi) Which of the following can be best described as a categorical variable?

a) Age

b) Annual income

c) Grade point average

✓ d) Religion

vii) Quota sampling involves which of the following?

a) Size of the quota is constant

✓ b) Size of the quota is proportionate to the size of the population.

c) Size of the quota is determined through deliberate choice

d) Size of the quota is determined through random choice

POPULAR PUBLICATIONS

viii) In a research process which of the following is true?

- ✓ a) Hypothesis formulation comes after literature review
- b) Sampling comes after data collection
- c) Findings come after interpretation
- d) Problem definition comes after research objective

ix) Considering scaling properties, scales can be classified in types.

- a) two
- b) three
- ✓ c) four
- d) six

x) Primary data is

- ✓ a) collected directly from field
- b) collected from library
- c) collected from newspapers
- d) collected from research article

xi) Which of the following is a method of data collection?

- a) Questionnaire
- b) Interviewing
- c) Observations
- ✓ d) All of these

GROUP - B

(Short Answer Type Questions)

2. Distinguish between Deductive and Inductive methods as used in research.

See Topic: **TERMINOLOGY**, Short Answer Type Question No. 3(b).

3. Represent the following data by a pie-chart on the proposed outlay during a five year plan of a government:

| Head of outlays | Rs. (Crores) |
|-------------------------|--------------|
| Agriculture | 8000 |
| Industries and Minerals | 7000 |
| Irrigation and power | 4000 |
| Communications | 5500 |
| Miscellaneous | 2500 |

See Topic: **DATA ANALYSIS**, Short Answer Type Question No. 8.

4. Find the median from the following data:

| | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|
| Income | 260-269 | 270-279 | 280-289 | 290-299 | 300-309 | 310-319 | 320-329 |
| Workers | 6 | 14 | 29 | 23 | 16 | 10 | 2 |

See Topic: **DATA ANALYSIS**, Short Answer Type Question No. 9.

5. State the purpose of selecting a sample for research.

See Topic: **SURVEY METHODS**, Short Answer Type Question No. 1.

6. Explain the concept of Nominal Scale, Ordinal Scale and Interval Scale

See Topic: SURVEY METHODS, Short Answer Type Question No. 2.

GROUP – C

(Long Answer Type Questions)

7. What do you mean by research report? Prepare a research report format. As a researcher what steps should you follow for writing a good research report?

See Topic: REPORT WRITING, Long Answer Type Question No. 2.

8. How do you explain 'Interview method'? Mention its advantages and limitations. Discuss the different types of interview method.

See Topic: RESEARCH METHODS, Long Answer Type Question No. 4(a), (b) & (c).

9. a) Number of accidents recorded for 50 days in a busy crossing of a city are as follows:

| No of accidents | Frequency |
|-----------------|-----------|
| 4 | 2 |
| 5 | 3 |
| 6 | 8 |
| 7 | 10 |
| 8 | 12 |
| 9 | 15 |

Find mean and median of above frequency table.

b) The variance of $x = 9$, regression equations are $8x - 10y + 66 = 0$ and $40x - 18y = 214$. Find the following:

- Means for x and y ,
- Correlation coefficient of variables;
- S.D of y .

See Topic: DATA ANALYSIS, Long Answer Type Question No. 6 & 3(a).

10. a) For a Social Research in connection to School Dropouts of the standard methods like Interview, Observation, Questionnaire, Documentary sources etc., which method do you like to prefer and why?

b) Discuss the roles of the following in research:

- Computer and internet
- Literature review.

a) See Topic: RESEARCH METHODS, Long Answer Type Question No. 2.

b) See Topic: REPORT WRITING, Long Answer Type Question No. 3.

POPULAR PUBLICATIONS

11. Write short notes on any three of the following:

- a) Research design
- b) Pilot survey
- c) Non-probability sampling
- d) Type I & Type II errors
- e) Research proposal.

- a) See Topic: RESEARCH PROJECT, Long Answer Type Question No. 6(a).
- b) See Topic: RESEARCH PROJECT, Long Answer Type Question No. 6(c).
- c) See Topic: RESEARCH PROJECT, Long Answer Type Question No. 6(d).
- d) See Topic: RESEARCH PROJECT, Long Answer Type Question No. 6(e).
- e) See Topic: RESEARCH PROJECT, Long Answer Type Question No. 5(f).