M.A. 1st Semester Examination, 2018

EDUCATION

Paper : 104C

Course ID : 10254

Time: 2 Hours   **Full Marks: 40**

The figures in the margin indicate full marks.

*Candidates are required to give their answers in their own words
as far as practicable.*

1. Answer *any five* questions: 2×5=10

(a) Define fundamental research.

(b) Write four characteristics of qualitative research.

(c) What is meant by literature search?

(d) List four criteria of a good hypothesis.

(e) Label different types of variable.

(f) Mention four criteria of a good research tool.

(g) State two differences between population and sample.

(h) Name different types of data.

2. Answer *any four* questions from the following: 5×4=20

(a) Differentiate between qualitative and quantitative research.

(b) Discuss the selection procedure of a research problem.

(c) Explain the characteristics of a good questionnaire.

(d) Write note on simple random sampling.

(e) Elucidate the uses of measures of central tendency.

(f) What is meant by multiple correlation? Write its uses.   2+3=5

(g) Find percentile rank of the score of 35 from the following frequency distribution.

Score	10-19	20-29	30-39	40-49	50-59	Total
Frequency	10	15	20	15	10	N=70

3. Answer *any one* of the following questions: 10×1=10

(a) What is meant by normal distribution? State the criteria of non-normality of a distribution. Explain the characteristics of a normal probability curve. 2+2+6=10

(b) What is meant by 'co-efficient of correlation'? Find the value of 'r' from the following two sets of paired scores and interpret the result. 2+6+2=10

Set-I	50	63	68	72	78	48	56	65	68	32
Set-II	63	68	72	78	50	56	48	80	82	53

(c) What is meant by projective test? Discuss briefly different types of projective test. 2+8=10

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