

NEW

2015

M B A

2nd Semester Examination

RESEARCH METHODOLOGY

PAPER—MBA-206

Full Marks : 100

Time : 3 Hours

The figures in the right-hand margin indicate full marks.

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

Illustrate the answers wherever necessary.

Write the answers to Questions of each Half in separate books.

1. Answer any *eight* of the following questions : 8×5
- (a) Describe the principle of simple random sample without replacement.
 - (b) Define sufficiency of an estimator. Give an example.
 - (c) What do you mean by one tail test ? Give an example.
 - (d) Distinguish between non-probability sampling and probability sampling.
 - (e) What are the objectives of research ? What are the criteria of a good research ?
 - (f) What is sampling error ? Why is it calculated ?

(Turn Over)

- (g) What do you mean by goodness of fit? How is it tested?
- (h) Explain cluster sampling.
- (i) Distinguish between questionnaires and schedules.
- (j) What are the different sources of secondary data? What are the desirable characteristics of secondary data?
- (k) What are the different types of research reports?
- (l) Define type 1 error. What is the probability of type 1 error?

2. Answer any *four* of the following questions : 4×10

- (a) Compare and contrast sample survey and population survey explaining their relative advantages and disadvantages.
- (b) What do you mean by sampling distribution of a statistic? Write a note on the sampling distribution of sample mean of a random sample.
- (c) What do you mean by stratified random sample? What are its main advantages over a simple random sample?
- (d) Distinguish between point estimation and interval estimation. Explain your answer with an illustration.
- (e) What is a research design? Distinguish between explanatory and descriptive research design.
- (f) What are different measurement scales? Explain the procedure of summated scales.

[Internal Assessment : 20]