Q.P. Code : 11714

(3 Hours) [Total Marks : 100

N.B.: (1) Attempt any **five** questions.
(2) **All** questions carry equal **marks**. (20 marks each)

. Research is a continous process. Explain. 20

. Define 'Research Design'. Stress on it's importance in the success of research process. 20

. Explain the process of experimental research with emphasis on 4-Cell experiment. 20

. What is sampling ? Explain the various types of sampling techniques. 20

. (a) Distinguish between mean, median and mode. 20
(b) Compute the mean, median and mode of the number of books read by 12 students in the last academic year.

10, 12, 12, 19, 21, 13, 12, 5, 18, 4, 15, 12.

. Distinguish between the following (any two) :- 20
(a) Participating and Non-participating observations.
(b) Applied and Action Research.
(c) Qualitative and Quantitative Research.
(d) Case-study and Survey.

. Write short notes on any four of the following. 20
(a) Bradford's Law.
(b) Evidence-Based Librarsanship.
(c) Hypothesis.
(d) Standard Deviation.
(e) Style Manual.
(f) Webometrics.

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BB-Con. 4290-15.