

D. K. M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1
SEMESTER EXAMINATIONS
NOVEMBER – 2017

15CPFN3D

ELECTIVE : RESEARCH METHODOLOGY AND STATISTICS

Time : 3 Hours

Max. Marks : 75

SECTION – A (5 x 6 = 30)

Answer **ALL** the questions.

1. (a) What are research variables? Give its types and objectives.
(Or)
(b) Enumerate the techniques and tools of research.
2. (a) Write a note on the Applications of Quantitative methods in research.
(Or)
(b) Give the types and sources of data.
3. (a) Explain in detail about presentation of research proposals.
(Or)
(b) Write a note on types of report.
4. (a) Differentiate between mean, median and mode. What are their advantages and disadvantage?
(Or)
(b) Give an overview on correlation and its types.
5. (a) Give an account on Normal distribution.
(Or)
(b) What are the properties of binomial poisson distribution?

SECTION – B (3 x 15 = 45)

Answer any **THREE** of the following questions.

6. Discuss on hypothesis under the following heads.
 - i) Formation and types of hypothesis.
 - ii) Testing of hypothesis.
7. Write a detailed note on graphical representation of data.
8. Draft the layout of a research report.
9. Write an account on mean deviation, standard deviation and quartile deviation.
10. Discuss about the various tests of significance.
