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D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1

SEMESTER EXAMINATIONS

NOVEMBER – 2017

15CPBC3B

RESEARCH METHODOLOGY

Time : 3 Hours

Max. Marks : 75

SECTION – A (5 x 6 = 30)

Answer ALL the questions.

1. (a) Briefly explain the types of research work.
(Or)
(b) Explain about the importance of research.
2. (a) What are the techniques involved in defining research problem?
(Or)
(b) How will you select and identify a research problem?
3. (a) Explain the essential features of an abstract of scientific articles.
(Or)
(b) Write about the Harvard and Vancouver system of reference styles.
4. (a) Write notes on chi - square test.
(Or)
(b) Write notes on various search engines used for searching scientific articles.
5. (a) Give an outline about the CPCSEA guidelines.
(Or)
(b) Discuss the various ethical issues in animal experimentation.

SECTION – B (3 x 15 = 45)

Answer any THREE of the following questions.

6. Explain the criteria of good research, meaning and stages in research work.
7. How to formulate the hypothesis, features of good research with its experimental designs?
8. Explain the logical format for writing a thesis.
9. Explain the collection and classification of data.
10. Define patent. Give the steps involved in patenting multicellular organisms.
