M. TECH.-II (INFORMATION TECHNOLOGY) (CBCS – 2015 COURSE) : SUMMER - 2018

SUBJECT : RESEARCH FOUNDATION

Day : **Monday** | **S-2018-3006** | Time : **11.00 AM TO 02.00 PM**
Date : **11/06/2018** | Max. Marks : 60

N. B. :

1) All questions are **COMPULSORY**.
2) Figures to the right indicate **FULL** marks.
3) Answers to both the sections should be written in the **SEPARATE** answer books.
4) Assume suitable data, if necessary.

SECTION - I

Q. 1 Define research. What are its different types? Explain. **(10)**

OR

What are the different objectives of research? Explain. **(10)**

Q. 2 Explain the research process in detail. **(10)**

OR

What are the different techniques involved in defining a problem? Explain. **(10)**

Q. 3 Explain the need and importance of research design. **(10)**

OR

What are the different types of research designs? Explain. **(10)**

SECTION - II

Q. 4 What are the different ways to introduce novelty and maintain originality in the research? Explain. **(10)**

OR

Explain the role of research scholar in detail. **(10)**

Q. 5 How literature review is important in research? Explain in detail. **(10)**

OR

What are different points to be considered when comparing research work with earlier work? Explain. **(10)**

Q. 6 What are the different analytical tools used during research? Explain. **(10)**

OR

Compare and contrast between linear and non-linear data. **(10)**

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