Day:	Thursday	Time: 11.00 AM TO 02.00 PM
Date:	06/06/2019 **S-2019-3410**	Max. Marks: 60

N.B.:

1) All questions are **COMPULSORY**.
2) Figures to the right indicate **FULL** marks.
3) Assume suitable data, if necessary.
4) Use of non-programmable **CALCULATOR** is allowed.
5) Answer to both the sections should be written in **SAME** Answer book.

SECTION-I

Q. 1 Elaborate with suitable example the impact of web on Information retrieval. **(10)**

OR

Q.1 Distinguish between browsing and seeking. Explain with suitable example the type of search. **(10)**

Q.2 Describe Boolean retrieval model with suitable example. **(10)**

OR

Q.2 Describe the concept of stemming in information retrieval with suitable example. **(10)**

Q.3 With respect to metadata structure explain markup languages XML,HTML along with its features. **(10)**

OR

Q.3 Describe morphology in text representation with suitable example. **(10)**

SECTION-II

Q.4 Describe Naïve-Bayes text categorization along with the help of suitable example. **(10)**

OR

Q.4 Describe Rocchio text categorization along with the help of suitable example. **(10)**

Q.5 Describe text clustering using expectation maximization. **(10)**

OR

Q.5 Describe how Naïve Bayes text classification is used for advanced retrieval with the help of suitable example. **(10)**

Q.6 Describe collaborative filtering with suitable example. **(10)**

OR

Q.6 Describe with the help of example information extraction and integration. **(10)**

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