

CDOE
MASTER OF COMPUTER APPLICATIONS (CBCS-2019 COURSE)
M.C.A. SEM - V : WINTER :- 2021
SUBJECT: RECOMMENDER SYSTEM

Day : Friday
Date 25-02-2022

W-22277-2021

Time : 10:00 AM-01:00 PM
Max. Marks: 60

N.B.

- 1) For Section I - Q.4 is compulsory. Attempt any **TWO** questions from Q.1, Q.2, Q.3.
- 2) Attempt any **TWO** questions from Section II
- 3) Both the Sections should be written in the **SAME** answer book.
- 4) Figures to the right indicate full marks

SECTION- I

- Q.1** a) What are Recommendation Systems? What is the difference between Collaborative and Content based Recommender Systems? (06)
b) Explain Model-Based Collaborative approach system (06)
- Q.2** a) What are some Domain-Specific Challenges in Recommender Systems? (06)
b) What are the basic components of a Content-Based System? (06)
- Q.3** a) Discuss Knowledge-based Recommender Systems (06)
b) Explain text classification method with example. (06)
- Q.4** Write short Notes (Any THREE) (12)
a) User Based Nearest Neighbor recommendation
b) General properties of Evaluation research
c) Attacks on collaborative recommender systems
d) Web Recommendations System
e) Role of Recommendation System in Online consumer decision making

SECTION- II

- Q.5** a) How do you maintain User Privacy when collecting Data for Recommendation Systems? (06)
b) What are some advantages of using *Neighborhood-based* approaches for Recommender Systems? (06)

- Q.6** a) The “Bharati InfoTech.” Company Ltd. Developing an “Online product purchase Management” system, on the developer view is the recommender system is necessary? If recommender system is necessary which technique is using. Explain it. (06)
- b) Is the training data is taken a important role in Recommendation system and why? Explain it. (06)

- Q.7** a) Explain the any one online system which is implementing the constraint base technique. (06)
- b) In Recommendation System Is Online consumer decision making is essential. Explain it. (06)

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