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(Printed Pages 4)

Roll No. _____

18/2674

P.G.D.C.A/M.C.A. Second Semester Examination, 2018

Third Paper

(Web Technology and Information Retrieval)

Time : Three Hours   Maximum Marks : 100

Note : Answer **five** questions in **all**. Short answer type Question **No.1** carrying 40 marks is **compulsory**. Answer **one** question carrying **15** marks from each unit.

Note : The answers to short questions should not exceed 200 words and the answers to long questions should not exceed 500 words.

1. (a) Name any four Web Browsers. 4×10=40

   (b) Mention the real-life examples of web Publishing and its utility.

P.T.O.

18/2674

   (c) Name a few web services which are of significant use to the common man.

   (d) What is the meaning and use of an Intranet?

   (e) Mention about the process and significance of Web Mining.

   (f) What is the need of : Index, Inverted, Index, in the search process?

   (g) Define Web directories with an example.

   (h) Define clustering. What is the significance of clustering in Data Analysis?

   (i) What do you understand by the term "Semantic Web"?

   (j) Define = Web Crawler, Cookies and the way to block them.

Unit - I

2. Explain with examples.   5+5+5

   (a) HTML Tags

   (b) Internet Relay Chat

   (c) Telnet

2

18/2674

OR

3. Describe the following: 7½×2

   (a) Hypertext and its use by HTML

   (b) Internet and its future in India.

Unit - II

4. Discuss the utility and working mechanism of Firewalls and state their importance in Internet Security. 15

   OR

5. Discuss with examples: 7½×2

   (a) TCP/IP address and URL

   (b) Information Retrieval Models.

Unit - III

6. How can we combine searching with Browsing? What are Metasearches? 15

   OR

7. Write a detailed note about Software agents and their role in Dynamic Search. 15

3 **P.T.O.**

18/2674

Unit - IV

8. Write short notes on: 7½×2

   (a) Social Network Analysis

   (b) Classification

   OR

9. Write short notes on: 7½×2cv

   (a) Forms design through UB Script

   (b) Question Answering in WWW

4