[3]

SARDAR PATEL UNIVERSITY

TYBBA-ITM Six Semester EXAMINATION (3 years) 2017-2018
Trends in IT - UM06EBBI13

Date: 10-4-2018, Tuesday
Time: 10.00 A.M. to 12.00 P.M.   **Total Marks: 60**

Q.1
(A) Draw and explain Architecture of Data Mining systems. [7]
(B) What is Data Warehouse? Explain the usages of Data Warehouse. [8]

OR

Q.1
(A) Write a short note on Stars, Snowflakes, and Fact Constellations Schemas [7] for Multidimensional Databases
(B) Explain Data Mining functionalities: [8]
     1. Mining Frequent Patterns, Associations, and Correlations
     2. Cluster Analysis

Q.2
(A) What is Fuzzy logic? Explain Fuzzy Set in detail. [7]
(B) Write a short note on AI and Related Fields. [8]

OR

Q.2
(A) What is AI? Explain the applications of AI. [7]
(B) Draw and explain the general structure of an Expert System. Explain [8] advantages of an Expert System.

Q.3
(A) What is Internet? Explain Internet Basics. [7]
(B) Explain On-Page SEO Ranking Factors. [8]

OR

Q.3
(A) Explain types of Internet marketing. [7]
(B) Write a short note on Vector Space Model. [8]

Q.4
(A) Explain Augmented Reality with its types. [7]
(B) What is Cloud computing? Explain applications and challenges of Cloud [8] computing.

OR

Q.4
(A) What is Internet of Things? Explain common uses of IoT. [7]
(B) What is Mobile computing? Explain classification, advantages and security [8] issues of Mobile computing.

———— × ————