



Sardar Patel Institute of Technology

Bhavan's Campus, Munshi Nagar, Andheri(West), Mumbai-400058, India
(Autonomous College Affiliated to University of Mumbai)

MSE
Oct 2018

Max. Marks: 20
Class: M.Tech (Sem I)
Course Code: CE912

Synoptics

Duration: 60 min.

Time: 10 am-11 am

Name of the Course: Big Data Analytics and Management

Instructions:

- (1) All questions are compulsory
- (2) Draw neat diagrams
- (3) Assume suitable data if necessary

Q.No.		Max Marks	CO																																																
Q.1	Definition of Hadoop Ecosystem 1Mark Explanation of each components in detail 4marks	5	CO1																																																
Q.2	Numerical [Complete correct 5 marks, correct steps but wrong answer 2 marks] OR a) Each correct data type 0.5 marks [Total 3 marks= 0.5x6 = 3] b) Correct explanation 2 marks	5	CO2																																																
Q.3	At least 3 drawbacks of traditional clustering algorithm 2 Marks Working of CURE clustering algorithm with two pass and example 3 Marks OR Definition of stream computing 1 Mark Explanation of Stream computing algorithm in detail 4 Marks	05	CO3																																																
Q.4	Need of recommendation at least 2 points 1 marks key problems in recommendation at least 3 points 2 Marks Doc Score of Doc 3 and 6 1 Mark <table><tr><th>Keywords</th><th>Important</th><th>Machine</th><th>Network</th><th>Mining</th><th>Cooper</th></tr><tr><td>Documents</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Doc 1</td><td>8</td><td>3</td><td>6</td><td>2</td><td>-</td></tr><tr><td>Doc 2</td><td>7</td><td>11</td><td>5</td><td>-</td><td>-</td></tr><tr><td>Doc 3</td><td>12</td><td>8</td><td>10</td><td>9</td><td>7</td></tr><tr><td>Doc 4</td><td>-</td><td>12</td><td>-</td><td>11</td><td>19</td></tr><tr><td>Doc 5</td><td>14</td><td>15</td><td>16</td><td>-</td><td>-</td></tr><tr><td>Doc 6</td><td>12</td><td>-</td><td>-</td><td>30</td><td>15</td></tr></table>	Keywords	Important	Machine	Network	Mining	Cooper	Documents						Doc 1	8	3	6	2	-	Doc 2	7	11	5	-	-	Doc 3	12	8	10	9	7	Doc 4	-	12	-	11	19	Doc 5	14	15	16	-	-	Doc 6	12	-	-	30	15	05	CO3
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