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Reg. No. :

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Question Paper Code: 99C78

B.E./B.Tech. DEGREE EXAMINATION, NOV 2024

Open Elective

Civil Engineering

19UCB978 SOCIAL NETWORK ANALYSIS

(Common to CSE ECE, EEE, EIE, Mechanical, IT, Chemical, Agri, Bio medical, & Biotechnology branches)

(Regulations 2019)

Duration: Three hours

Maximum: 100 Marks

Answer All Questions

PART A - (10 x 1 = 10 Marks)

1. Who is the Father of Instagram CO1-U
(a) Steve Chen (b) Chad Hurley (c) Kevin Systrom (d) Kevin Charles
2. Who is CEO of Tiktok?. CO1-U
(a) Shou Zi Chew (b) Steve Chen (c) Mark belly (d) none of the above
3. Which of the following components used in semantic web? CO1-U
a) XML schema b) none c) RDF d) both a& c
4. Who is father of Blogging? CO1-U
(a) Justin hall (b) Steve Chen (c) Mark belly, (d) none of the above
5. _____represents the amount of disappeared, appeared, merged and split CO1 U
URLs per unit time. A stable community on a topic is the best starting point
for finding interesting changes around the topic.
(a) Growth Rate (b) Stability (c) Evolution Metrics (d) none of the above
6. List out the changes in web community CO1-U
(a) emerge, dissolve, split, merge, Growth and Shrink (b) emerge, dissolve, split, merge
(c) emerge, dissolve, Growth and Shrink (d) none of the above
7. List out the category for feature set construction in link prediction social CO1-U
network

- (a) node neighborhood (b) path based (c) none of the above (d) both a & b
8. First challenge for supervised link prediction CO1-U
 (a) snawkess (b) skewness (c) extreme class of skewness (d) none
9. List out the emotion occur in datasets CO1-U
 (a) surprise (b) sadness (c) thankfulness (d) all of the above
10. Which year is launched by twitter? CO1-U
 (a) 21st mar 2006 (b) 3rd apr 2016 (c) 30th jun 2017 (d) 11st mar 2008

PART – B (5 x 2= 10Marks)

11. How to define the levels of Social Network analysis? CO1-U
12. Define the Hadoop Components? CO1-U
13. Define Markov Clustering CO1-U
14. List out the mechanism used in homophily CO1-U
15. Mention the filters in datasets CO1-U

PART – C (5 x 16= 80Marks)

16. (a) Design EB Bill Form in Html CO2-App (16)
 Or
 (b) Design a Student Mark list Using Html CO2-App (16)
17. (a) Design a table with Student Mark list Using Html and External CSS CO2-App (16)
 Or
 (b) Design a table EB Bill Form Using Html and internal CSS CO2-App (16)
18. (a) Describe in detail about the aggregating and reasoning with social network data with respect to on the notion of equality CO1- U (16)
 Or
 (b) What is a Web Community? How will extract the evolution of Web Community from a series of Web Archives? CO1- U (16)
19. (a) Describe the Link Prediction in Social Networks CO1- U (16)
 Or
 (b) Explain about brief in Feature based Link Prediction CO1- U (16)

20. (a) How to Explaining Scientific and Technical Emergence Forecasting CO1- U (16)
Or
(b) Write a shorts note on Social Network Analysis for Biometric Template Protection CO1- U (16)

