

NADAR SARASWATHI COLLEGE OF ENGINEERING AND TECHNOLOGY, THENI.

Course/Branch : B.E / CSE	Year / Semester : IVth YR / VII Sem	Format No.	NAC/TLP-07a.13
Subject Code : CS8091	Subject Name : Big Data Analytics	Rev. No.	02
Unit No : 04	Unit Name : Stream Concepts	Date	30.09.2020

OBJECTIVE TYPE QUESTION BANK

S. No.	Objective Questions (MCQ /True or False / Fill up with Choices)	BTL
1.	Which one doesn't belong to application of Data Stream? 1. Web traffic 2. Internet 3. Sensor data 4. None of these	L1
2.	These queries are, in a sense, permanently executing and produce outputs at appropriate times. a. Standing query b. Ad-hoc query	L1
3.	Google wants to know what queries are more frequent today than yesterday. 1. Mining Query Stream 2. Mining Login Stream 3. Mining Search Stream 4. Mining Click Stream	L4
4.	Yahoo wants to know which of its pages are getting an unusual number of hits in the past hour 1. Mining Query Stream 2. Mining Login Stream 3. Mining Search Stream 4. Mining Click Stream	L4
5.	Surveillance cameras produce images with high resolution than satellites 1. True 2. False	L4
6.	In the data stream model, individual data items may be _____, e.g., network measurements, call records, web page visits, sensor readings, and so on. a. Key – Value Pair b. Relational Tuples c. Variable d. Database	L2
7.	A data stream is a real time continuous and ordered sequence of items. It is possible to control the order in which the items arrive, nor it is feasible to locally store a stream in its entirety in any memory device. Is this Statement True... a. YES b. NO	L4
8.	Long running queries are registered in the _____ and placed into groups for shared processing. a. Query Repository b. Archival Storage c. Limited Working Storage	L1

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	d. Main Memory	
9.	Which among the following was not the example of Data Stream concepts? a. Financial Applications b. Network Monitoring c. Fraud Detection d. Web Application	L3
10.	In DSMS, The data model and query processor will allow either order based or time based operations. Is this Statement True.. a. YES b. NO	L4
11.	In Streaming Queries , Alerting the user when Stock crosses over a price point is an example of _____ a. Continuous Queries b. One Time Queries c. Sampling Queries d. None of These	L1
12.	For Example : An increase in queries like “dengue fever symptoms” enables us to predict the number of sufferers. Which one it belong. a. Query Stream b. Click Stream c. User Stream d. Content Stream	L3
13.	Standing Queries are executed when user prefer and produce output at appropriate times... Is This True ? a. YES b. NO	L4
14.	At Ocean Surface Temperature Sensor, the data stream model will process the maximum temperature ever recorded analysis is this? a. Standing Query b. Ad-hoc Query	L2
15.	A useful model of stream processing is that queries are about a window of length N – the N most recent elements received. N is so large it cannot be stored in memory, or even on disk. Is this Statement is ? a. TRUE b. FALSE	L4
16.	The stream-processing algorithm is executed in query processor, without access to main memory or with only rare accesses to secondary storage. Is this Statement True? a. YES b. NO	L3
17.	Web sites often like to report the number of unique users over the past month. Kindly complete the sql : SELECT _____(_____(name)) FROM Logins	L6

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	<p>WHERE time _____ t;</p> <p>a. SUM, UNIQUE, == b. COUNT, UNIQUE, <= c. COUNT, DISTINCT, >= d. SUM, DISTINCT, <=</p>	
18.	<p>A search engine receives a stream of queries, and it would like to study the behavior of typical users. Assume that the stream consists of tuples (user, query, time)</p> <p>a. Standing Query b. Ad-hoc Query</p>	L3
19.	<p>More generally, we can obtain a sample consisting of any rational fraction a/b of the users by hashing user names to b buckets, 0 through b – 1. Add the search query to the sample if the hash value is less than a. Is this Statement True?</p> <p>a. YES b. NO</p>	L4
20.	<p>Which filtering eliminate most of the tuples that do not meet the criteria?</p> <p>a. Blooms Filtering b. AMS Filtering c. DGIM Filtering d. None of These</p>	L5
21.	<p>_____ is reactive because it waits for users to request a query and then delivers the analytics.</p> <p>a. On Demand Real Time Analytics b. Continuous Real Time Analytics c. Time based Analytics d. Content Based Analytics</p>	L3
22.	<p>Monitoring stock market trends provide analytics to help users make a decision to buy or sell all in real time.</p> <p>a. On Demand Real Time Analytics b. Continuous Real Time Analytics c. Time based Analytics d. Content Based Analytics</p>	L3
23.	<p>Sentiment analysis is widely applied to reviews and social media for a variety of applications ranging from marketing to customer service. Is it True...</p> <p>a. TRUE b. FALSE</p>	L2
24.	<p>_____ is based on a model of representing individual entities and numerous kinds of relationships that connect those entities.</p> <p>a. Graph analytics b. Real time analytics c. Sentiment Analysis d. Stock market Prediction</p>	L1
25.	<p>A _____ that can be represented using a triple format consisting of a subject (the source point of the relationship), an object (the target), and a predicate</p>	L2

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(that models the type of the relationship). a. Directed Graph b. Undirected Graph c. Weighted Graph d. Un Weighted Graph	
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