6th Sem - Cx Gate Exam

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* Required

RTM stands for *   1 point

○ Redesign traceability matrix

◉ Requirement traceability matrix

○ Report traceability matrix

○ None of the above

If a record data matrix has reduced number of columns after a   1 point
transformation, the transformation has performed: *

◉ Data sampling

○ Dimensionality reduction

○ Noise cleaning

○ Discretization

USN *

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The tag used for creating hypertext and hypermedia links is. *   1 point

○ <HR>

○

○ <PRE>

◉ <A>

It is not possible to combine two or more file opening mode in open ()   1 point
method. *

○ True

◉ False

_____ itself is a file owned by the operating system *   1 point

○ Logical file

○ Record

◉ Directory

○ Database

__ is a tabular stores NoSQL database * 1 point

○ Apache CouchDB

◉ SimpleDB

○ DynamoDB

○ HBase

The storage capacity of an optical disk is given by: * 1 point

◉ Number of sectors * number of bytes per sector

○ Number of sectors * 2(number of bytes per sector)

○ Number of sectors * 3(number of bytes per sector)

○ Number of sectors * 0.5(number of bytes per sector)

Which of the following is usually the last step in the data mining process? * 1 point

○ Visualization

○ Preprocessing

○ Modeling

◉ Deployment

Which of the following is not a file opening mode _____ . *   1 point

○ ios::ate

○ ios::nocreate

○ ios::noreplace

◉ ios::truncate

Which of the following method call returns negative if S1<S2, positive if   1 point
S1>S2 and zero if S1 is equal to S2. *

○ S2.compareTo(S1)

◉ S1.compareTo(S2)

○ compare S1 To S2

○ S1.compare(S2)

What is the correct HTML code for inserting an image ? *   1 point

○ <img>image.gif</img>

◉

○ <img src="image.gif">

○ <a src="image.gif">

Consider two binary attributes X and Y. We know that the attributes are independent and probability P(X=1) = 0.6, and P(Y=0) = 0.4. What is the probability that both X and Y have values 1? *   2 points

○ 0.06

◉ 0.16

○ 0.26

○ 0.36

Impact analysis helps us to decide which of the following testing? *   1 point

○ Exit criteria

◉ How much regression testing should be done?

○ How many more test cases need to write?

○ Different tools to perform regression testing

Test Coverage techniques are *   1 point

○ Statement, Decision and Path

○ Statement, Latent and Principle

○ Defect, Decision and Path

○ None

_____ are a specific class of embarrassingly parallel applications whose tasks   1 point
are identical in their nature and differ only by the specific parameters used
to execute them. *

○ Task applications

○ Thread Applications

○ MapReduce Applications

○ Parameter Sweep Applications

The purposes of ---------- is to provide controllability to execute test   1 point
cases and observability to judge the outcome of test execution *

○ Scaffolding

○ Jflex

○ Test Driver

○ Test Case

Which of the following css property repeats an image both horizontally and   1 point
vertically? *

○ background-position

○ background-repeat

○ background

○ None

Annotation type definition looks similar to which of the following? *   1 point

○ Method

○ Class

○ Interface

○ Field

Which of the following clustering algorithms suffers from the problem of   1 point
convergence at local optima? 1. K- Means clustering algorithm 2.
Agglomerative clustering algorithm 3. Expectation-Maximization clustering
algorithm 4. Diverse clustering algorithm *

○ 1 only

○ 2 and 3

○ 2 and 4

○ 1 and 3

Which of the below testing is executed without documentation and   1 point
planning is known as *

○ Faults have been fixed

○ All the tests run

○ The time completed

○ Risk is resolved

What is the order of variables in Enum? *   1 point

○ Ascending order

○ Descending order

○ Random order

○ depends on the order() method

By default, all the files are opened in _____mode *   1 point

○ Binary

○ Text

○ Cant Say

○ None

Which member function is used to determine whether the stream object is   1 point
currently associated with a file? *

○ is_open

○ buf

○ string

○ None

6th Sem Section *

○ A

○ B

○ C

How many types of Cloud are there in Deployment Models? *   1 point

○ 1

○ 2

○ 3

○ 4

Which of the following CSS property defines the different properties of all   1 point
four sides of an element's border in a single declaration? *

○ border

○ border-width

○ border-collapse

○ padding

Which of these keywords is used to refer to member of base class from a subclass? *   1 point

○ upper

○ super

○ this

○ None

The @active data warehouse architecture includes which of the following?   1 point
*

○ At least one data mart

○ Data that can extracted from numerous internal and external sources

○ Near real-time updates

○ All of the above

If we convert a decision tree to a set of logical rules, then: *   1 point

○ the internal nodes in a branch are connected by AND and the branches by AND

○ the internal nodes in a branch are connected by OR and the branches by OR

○ the internal nodes in a branch are connected by AND and the branches by OR

○ the internal nodes in a branch are connected by OR and the branches by AND

The program which provides partitioning, isolation or abstraction is called? 1 point *

○ virtualization hypervisor

○ software hypervisor

○ hardware hypervisor

○ system hypervisor

Which attribute you'll use with TD tag to merge two cells horizontally? * 1 point

○ merge=colspan2

○ merge=row2

○ rowspan=2

○ colspan=2

___ is the distributed computing facilities for applications requiring large 1 point computing power over a long period of time. *

○ High performance Computing (HPC)

○ High Throughput Computing (HTC)

○ Many Tasks Computing (MTC)

○ Low Tasks Computing (LTC)

Which of these method of class String is used to extract a single character   1 point
from a String object? *

○ CHARAT()

○ chatat()

◉ charAt()

○ ChatAt()

Decision tree is an algorithm for: *   1 point

○ Classification

○ Clustering

○ Association rule mining

○ None

Data mining is the process of finding valid, novel, useful, and   1 point
_____, patterns in large volume of data. Which of the following
terms best fills the gap above? *

○ voluminous

○ heterogeneous

○ actionable

○ noisy

Consider a disk with following characteristics; Block size 512 bytes, number of blocks per track 25 and number of tracks per surface 500. Also assume that there is a table EMPLOYEE with 10000 fixed length records and each record is of size 101 bytes. Which of the following is the correct bfr (blocking factor) and number of blocks combination if we assume an unspanned organization? *

2 points

○ 5 and 2000

○ 5 and 1000

○ 6 and 2000

○ 6 and 1000

Which of the following attributes is used to specify elements to bind style rules to? *

1 point

○ id

○ class

○ tag

○ All the above

_____ are related to logical management distributed systems built on top of the infrastructure, and provide supporting services for the execution of distributed applications. * 1 point

○ Fabric services

○ Foundation services

○ Application services

○ Normal services

Student Name *

Your answer

Software methodologies do not * 1 point

○ Manage user requirements test cases and bugs

○ Provide Detailed design

○ Provide complete picture of software product

○ Offer full traceability

Which of the following is used to call stored procedure? *

1 point

○ Statement

○ PreparedStatement

○ CallableStatment

○ CalledStatement

What will happen in this case? <p style="color: red">text</p> *

1 point

○ error

○ nothing happens

○ make that specific paragraph red color

○ make that specific paragraph blue color

A bank classifies its customer into two classes "fraud" and "normal" based   2 points
on their installment payment behavior. We know that the probability of a
customer being being fraud is P(fraud) = 0.20, the probability of customer
defaulting installment payment is P(default) = 0.40, and the probability
that a fraud customer defaults in installment payment is P(default|fraud) =
0.80. What is the probability of a customer who defaults in payment being
a fraud? *

○ 0.80

○ 0.60

○ 0.40

○ 0.20

Consider a disk with a sector size of 512 bytes, 14409 tracks per surface,   2 points
16947 sectors per track, 8 double-sided platters, and an average seek time
of 9 ms. Which of the following is the correct combination of capacity of
track, capacity of each surface, and capacity of disk (approximately)? *

○ 100 MB, 200 GB, and 2 TB

○ 8 MB, 116 GB and 2 TB

○ 8 MB, 200 GB and 1 TB

○ 80 MB, 116 GB and 1 TB

What is the process of defining a method in a subclass having same name & type signature as a method in its superclass? * 1 point

○ Method overloading

○ Method overriding

○ Method hiding

○ None

What happens if you call deleteRow() on a ResultSet object? * 1 point

◉ The row you are positioned on is deleted from the ResultSet, but not from the database

○ The row you are positioned on is deleted from the ResultSet and from the database

○ The result depends on whether the property synchronize With Data Source is set to true or false

○ You will get a compile error: the method does not exist because you cannot delete rows from a ResultSet

Aneka is _____ solution for cloud computing. * 1 point

○ PaaS

○ SaaS

○ Pure PaaS

○ IaaS

Find the categories of defects *

1 point

○ Wrong, Data, Extra

○ Wrong, Missing, Extra

○ Wrong, Mode, End

○ Wrong, Missing, End

○ Send me a copy of my responses.

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