- Question No. 1

What is the best case time complexity of merge sort?

Options :

1. O(n*Log n)

2. O(Log n)

3. O(n)

4. None of these

5.

Answer : O(n*Log n)

- Question No. 2

Which is not an IoT OS?

Options :

1. Contiki

2. FreeRTOS

3. Mbed OS

4. Google Chrome

5.

Answer : Google Chrome

- Question No. 3

Fill the blank

In K-Means algorithm, we calculate the distance between each point of the dataset to every _____ initialized.

Options :

1. centroid

2. Centre

3. Mean

4. Variance

5.

Answer : centroid

- Question No. 4

  Which is relational Database

  Options :

  1. MS Access

  2. Struts

  3. Oracle

  4. Hibernate

  5.

  Answer : Oracle

- Question No. 5

  In datawarehouse , a fact table consist of

  Options :

  1. Measurements

  2. Metrics

  3. facts

  4. All of the above.

  5.

  Answer : All of the above.

- Question No. 6

State True or False

Kernel level thread cannot share the code segment.

Options :

1. True

2. False

3.

4.

5.

Answer : True

- Question No. 7

State True or False

Semi-structured data is data that does not conform to a data model but has some structure. It lacks a fixed or rigid schema. It is the data that does not reside in a rational database but that have some organizational properties that make it easier to analyze. With some processes, we can store them in the relational database.

Options :

1. True

2. False

3.

4.

5.

Answer : True

- Question No. 8

The latency of a network is

Options :

1. the time it takes for a data packet to be transferred from its source to the destination

2. the time it takes for a data packet to be transferred from hop to the destination.

3. the time it takes for a data packet to be transferred from its source to the next router.

4. None

5.

Answer : the time it takes for a data packet to be transferred from its source to the destination

- Question No. 9

Which is computer object code?

Options :

1. Source code

2. Bytecode

3. JDK

4. None

5.

Answer : Bytecode

- Question No. 10

Predict the output

list1 = ['physics', 'chemistry', 1997, 2000]

list2 = [1, 2, 3, 4, 5, 6, 7]

print "list1[0]: ", list1[0]

Options :

1. list1[1]: physics

2. list1[0]: physics

3. list1[2]: physics

4. None

5.

Answer : list1[2]: physics

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