- 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[2]: physics

    3. list1[0]: physics

4. None

5.

Answer : list1[0]: physics

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