

Technical

1)The throw keyword is used

- a) to catch exception object**
- b) to generate exception programmatically**
- c) None of the Above**
- d) to throw exception object**

Answer d)to throw exception object

2)Which of the following statements are incorrect?

- a) Public member of the class can be accessed by any code in the program.**
- b) Private member of the class can be accessed from subclass**
- c) None of them**
- d) Private members of class can only be accessed by other members of the class**

Answer b) Private member of the class can be accessed from subclass

3)What is the process of defining a method in terms of itself that is a method that calls itself?

- a) Encapsulation**
- b) Polymorphism**
- c) Recursion**
- d) Abstraction**

Answer c)Recursion

4)Decrement operator ,-- decrease the value of variable by what number?

- a) 1**
- b) 2**
- c) 3**
- d) 4**

Answer a)1

5)For the execution of DELETE SQL query in JDBC,_____ method must be used

- a) executeDeleteQuery()
- b) executeUpdate()
- c) executeDelete()
- d) executeQuery()

Answer b)executeUpdate

6)For the execution of DELETE SQL query in JDBC,___ method must be used

- a) executeUpdate
- b) executeDelete
- c) executeQuery
- d) executeDeleteQuery

Answer a)executeUpdate

7)What is hash function?

- a) A function has allocated memory to keys
- b) A function that compiles the location of the key in the array
- c) A function that compute the location of the value in the array
- d) A function that create an array

Answer (b) A function that compiles the location of the key in the array

8)What is the complexity of Binary Search Algorithm>

- a) $O(n \log n)$
- b) $O(n^2)$
- c) $O(n)$
- d) $O(\log n)$

Answer a) $O(n \log n)$

9)What is the most appropriate data structure to implement a priority queue?

- a) Heap
- b) Linked list
- c) Binary tree

d) Circular array

Answer a)Heap

10 The concatenation of two lists is to be performed in $O(1)$ time. Which of the following implementation of a list should be used?

- a) Circular doubly linked list
- b) Array implementation of lists
- c) Doubly linked list
- d) Singly linked list

Answer (a) Circular doubly linked list

11) In the worst case, the number of comparisons needed a singly linked list of length n for a given length is

- a) $\log_2 n$
- b) $\log_2 n - 1$
- c) $n/2$
- d) n

Answer (d) n

12) Which of the following is a valid long literal?

- a) L990023
- b) 904423
- c) ABH8097
- d) Qxnt023L

Answer (a) Qxnt023L

13) Which cannot directly cause a thread to stop executing?

- a) Calling the `SetPriority()` method on a `Thread` object.
- b) Calling `notify()` method on an object.
- c) Calling `read()` method on an `InputStream` object.
- d) Calling the `wait()` method on an object.

Answer a)

14) Which of the following will directly stop the execution of a Thread?

- a) Notifya()
- b) Notify()
- c) Wait()
- d) Exit synchronization code

Answer (c) Wait()

15) Which of these helps insert elements at a specific position in a collection?

- a) LinkedList
- b) None of them
- c) Set
- d) Map

Answer (a) LinkedList

16) Which collection class allows you to associate its element with key values and allows you to retrieve object in FIFO (first in, first out) sequence?

- a) TreeMap
- b) HashMap
- c) ArrayList
- d) LinkedHashMap

Answer (d) LinkedHashMap

17) How can you create an email link?

- a) ``
- b) ``
- c) `<mail>a@b</mail>`
- d) `<mail href="a@b">`

Answer (a) ``

18)How can you create an email link?

- a) <mail>a@b</mail>
- b)
- c) <a href=<mailto:a@b.com>>
- d) <mail href="a@b">

Answer (c) <a href=<mailto:a@b.com>>

19)Which utility(by default)display the first 10 lines of a file?

- a) Head
- b) Less
- c) Tail
- d) Wc

Answer (a) Head

20)To display first 5 lines of a file command used will be :

- a) head 5
- b) tail 5
- c) start 5
- d) ps

Answer (a) head 5

Quantative

1) if $16\frac{2}{3}\%$ of a number is added to itself the number become 1400.Find the original number.

- a) 1200
- b) 1355
- c) 1100
- d) 1000

e)

Answer a) 1200

2) A mother wants to equally distribute 405 cookies among her children in such a way that the number of cookies received by each child is 20% of the total number of children. Find the minimum number of cookies each child received?

- a) 15
- b) 18
- c) 45
- d) 9

Answer (d) 9

3) A certain sum amounts to Rs. 7350 in 2 years and to Rs. 8575 in 3 years. find the sum and rate percentage.

- a) 3400
- b) 5400
- c) 540
- d) 4400

Answer (b) 5400

4) A gang of labourers do a piece of work in 10 days, but five of them became absent and so the rest do the work in 12 days. Find the original number in the gang?

- a) 33
- b) 36
- c) 39
- d) 30

Answer (d) 30

5) The ratio of the angles of a triangle is 3:4:5. The three angles of a quadrilateral are equal to the three angles of this triangle. What is the sum of the largest angle and second smallest angle of the quadrilateral?

- a) 205 degree
- b) 210 degree
- c) 240 degree
- d) 225 degree

Answer (d) 225 degree

6) Today is Monday. After 61 days it will be:

- a) Monday
- b) Tuesday
- c) Sunday
- d) Saturday

Answer (d) Saturday

7) In covering a distance of 30 km, Abhay takes 2 hours more than Sameer, If Abhay doubles his speed then he would take 1 hour less than Sameer. Abhay speed is

- a) 6.25 kmph
- b) 6 kmph
- c) 7.5 kmph
- d) 5 kmph

Answer (d) 5 Kmph

8) The difference between a number and its four-fifth is 20. Find the number ?

- a) 125
- b) 100
- c) 50
- d) 100

Answer d) 100

9) The difference between a two digit number and the number obtained by interchanging the digit is 36. What is the difference between the sum and the difference of the digit of the number if the ratio between the digits of the number is 1:2?

- a) 16
- b) 4
- c) Cannot be determined
- d) 8

Answer (d) 8

10)The number obtained by interchanging the two digits of a two digit number is less than the original number by 45. If the sum of the two digits of the number so obtained is 13, then what is the original number?

- a) 94
- b) Either 94 or 49
- c) 49
- d) 83

Answer a)94

English

1)Find the Antonym of the following word :MELLIFLUOUS

- a) Harmonious
- b) Discordant
- c) Internal
- d) Pitchable

Answer b)Discordant