



INDIAN SCHOOL AL WADI AL KABIR

ASSESSMENT-II

Class: XI

SUB: Computer Science

Date of Completion:

14.02.2021

**Assessment-II
-MCQs**

MCQ-with answers

**Note: Write in your class
notebook**

1Q. Which of the following is correct with respect to Python code?

```
d={"a":3,"b":7}
```

- A. a dictionary d is created.
- B. a and b are the keys of dictionary d.
- C. 3 and 7 are the values of dictionary d
- D. All of the above.

2Q. Which one of the following is correct?

- A. In python, a dictionary can have two same keys with different values.
- B. In python, a dictionary can have two same values with different keys
- C. In python, a dictionary can have two same keys or same values but cannot have two same key-value pair
- D. In python, a dictionary can neither have two same keys nor two same values.

3Q. What will be the output of this Python code?

```
d1={"abc":5,"def":6,"ghi":7}  
print(d1[0])
```

- A. abc
- B. 5
- C. {"abc":5}
- D. Error

4Q. What will the below Python code do?

```
dict={"Phy":94,"Che":70,"Bio":82,"Eng":95}  
dict.update({"Che":72,"Bio":80})
```

- A. It will create new dictionary as dict={"Che":72,"Bio":80} and old dict will be deleted.
- B. It will throw an error as dictionary cannot be updated.

- C. It will simply update the dictionary as dict={"Phy":94,"Che":72,"Bio":80,"Eng":95}
D. It will not throw any error but it will not do any changes in dict

5Q. Which of the following is not a declaration of the dictionary?

- a. {1: 'A', 2: 'B'}
b. dict([[1,"A"],[2,"B"]])
c. dict({1,"A",2,"B"})
d. { }
e. b and c

6Q. What is the output produced by the code given?

```
a={1:"A",2:"B",3:"C"}  
for i in a.items():  
    print(i, end=" ")
```

- A. (1, 'A') (2, 'B') (3, 'C')
B. {1:"A",2:"B",3:"C"}
C. 1 A 2 B 3 C
D. None

7Q. What is the output displayed?

```
Dict={'baba':10,'raja':20,'Fatima':10,'Anju':25}  
T=' '  
for k in Dict:  
    if T<k:  
        T=k  
print(T)
```

- A. baba:20
B. Fatima
C. raja
D. A and C
E. error

8Q. If the code is correct what is the output?

```
a={1:5,2:3,3:4}  
a.pop(3)  
print(a)
```

- A. Error
B. {1:5,3:4}
C. {1:5,2:3}
D. {2:3,3:4} #no index number 3

9Q. Which of the following will give output as [23,2,9,75] ?

If list1=[6,23,3,2,0,9,8,75]

- A. print(list1[1:7:2])
- B. print(list1[0:7:2])
- C. print(list1[1:8:2])
- D. print(list1[0:8:2])

10Q. The elements of a list are arranged in descending order. Which of the following two will give same outputs?

- i. list_name.sort()
- ii. print(max(list_name))
- iii. list_name.reverse()
- iv. print(list_name[-1])

- A. i, ii
- B. i, iii
- C. ii, iii
- D. iii, iv

11Q. What is the data type of (1)?

- a) Tuple
- b) Integer
- c) List
- d) Both tuple and integer

12Q. If a=(1,2,3,4) then print(a[1:-1]) is _____

- a) Error, tuple slicing doesn't exist
- b) [2,3]
- c) (2,3,4)
- d) (2,3)

13Q. What will be the output of the following Python code?

```
>>> a= (1,2, (4,5))
>>> b= (1,2, (3,4))
>>> a<b
```

- a) False
- b) True
- c) Error, < operator is not valid for tuples
- d) Error, < operator is valid for tuples but not if there are sub-tuples

14Q. What will be the output of the following Python code?

```
>>> a=("Check") *3
>>> a
```

- a) ('Check', 'Check', 'Check')
- b) * Operator not valid for tuples
- c) 'CheckCheckCheck'
- d) Syntax error

15Q. Is the following Python code valid?

```
>>> a= (1,2,3,4)
>>> del a
```

- a) No because tuple is immutable
- b) Yes, first element in the tuple is deleted
- c) Yes, the entire tuple is deleted
- d) No, invalid syntax for del method

16Q. What type of data is: a= [(1,1), (2,4), (3,9)]?

- a) Array of tuples
- b) List of tuples
- c) Tuples of lists
- d) Invalid type

17Q. Suppose list1 is [4, 2, 2, 4, 5, 2, 1, 0], Which of the following is correct syntax for slicing operation?

- a) print(list1[0])
- b) print(list1[:2])
- c) print (list1[: -2])
- d) all of the mentioned

18Q. What will be the output of the following Python code?

```
a=[10,23,56,[78]]
b=list(a)
a[3][0]=95
a[1]=34
print(b)
```

- a) [10,34,56,[95]]
- b) [10,23,56,[78]]
- c) [10,23,56,[95]]
- d) [10,34,56,[78]]

19Q. What will be the output of the following Python code?

```
lst= [3,4,6,1,2]
lst [1:2]=[7,8]
print(lst)
```

- a) [3, 7, 8, 6, 1, 2]
- b) Syntax error
- c) [3, [7,8],6,1,2]
- d) [3,4,6,7,8]

20Q. Which all the statements are correct in reference to tuple.

- a) A tuple is a collection which is ordered and unchangeable.
- b) Tuple items are indexed; the first item has index [0].
- c) Tuple can have items with the same value.
- d) All the above are correct
- e) Only c) is wrong

21Q. A python module is

- a) Modules refer to a file containing Python statements and definitions.
- b) We can define our most used functions in a module and import it.
- c) Modules provide reusability of code.
- d) All a), b) and c) are correct
- e) Only a) and b) are correct

22Q. *ValueError: math domain error* is displayed by

- a) `math.sqrt(0.0)`
- b) `math.pow(0,2)`
- c) `math.sqrt(-2)`
- d) `m.pow(0,0)`

23Q..... method in Python returns the largest integer not greater than x.

- a) `math.fabs()`
- b) `math.ceil()`
- c) `math.floor()`
- d) `math.Floor()`
- e) both b) and c)

24Q. `random.randint(1,10)` is same as

- a) `random.randint(0,9)`
- b) `random.randint(1.0,10.0)`
- c) `random.randrange(1,11)`
- d) All the above are correct
- e) both b) and c)

25Q. `print (math. fabs(-7))`

- a) Prints -7.0
- b) Prints 7
- c) Prints 7.0
- d) Prints 7 or 7.0 #as both are same values

26Q. `math.sin(x)` returns the sine value, by default the value of x is initially

- a) degrees
- b) radians
- c) should be 0
- d) All are correct

27Q. `statistics.mean(2,3)` *which of the following statement/s are correct?*

- a) can displays 2.5 if printed
- b) It is same mean value of 2 and 3
- c) It is same as average of numbers passed
- d) All are correct
- e) All are wrong

28Q. `statistics. mode()` # It is the mode of a set of data values OR is the value that appears most often.

- a) True
- b) False
- c) both a) or b)
- d) All the above are wrong

29Q. `random ()` : Returns a random float number between 0 and 1

- a) False
- b) True
- c) Not always
- d) None of the above

30Q. `print (math. e)` *where e is*

- a) 2.718281828459045
- b) also known as Euler's number
- c) both a) and b)
- d) All are wrong statements

Answers:

- 1.D
- 2.B
- 3.D
- 4.C
- 5.C
- 6.A
- 7.C
- 8.C
- 9.C
- 10.B
- 11.B
- 12.D
- 13.A
- 14.C
- 15.C
- 16.B
- 17.D
- 18.C
- 19.A
- 20.D
- 21.D
- 22.C
- 23.C
- 24.E
- 25.C
- 26.B
- 27.E
- 28.A
- 29.B
- 30.C

Any queries, we will discuss in our revision classes