ITVEDANT EDUCATION PVT LTD
CCE NOV23 PYTHON PAPER SET-A

1) What will be the output of the below statement?

   A = 16

   B = 8

   print(A & B)

   A)1   B) 18   C) 0   D) 18

2) What will be the output of below code?

   X = [1,3,2,1]

   Y = X.append(4)

   print(Y)

   A) None   B)[1,3,2,1,4]   C) [1,2,3,1]   D) error

3) What ** represented in python?

   A) modulus   B) exponentiation   C) no such operator   D) I don't know

4) what === represent in python ?

   A) equal   B) none   C) identical   D) no such a operator in python

5) What will be the output of below code?

   A = [11,22,33,1,2]

   A.pop()

   print(A)

   A) [11,22,33,1]   B)[22,33,1,2]   C)[11,33,1,2]   D) [11,22,33,1,2]

6) What will be the output of below code?

```
a = 1

b = 1

if a === b:

        print("True")

else

print("Flase")
```

A) True   B)False   C)None   D)Invalid Syntax

7) What will be the output of below code?

```
A=[1,2,3,4,(1,2,3,('ww',"rr","ss",(33))),"ddd"]

B = A[4][3][3][0]

Print(B)
```

A)Error   B)rr   C)ss   D)33

8) What will be the output of below code?

```
X = ("DD",22,11,[1,2,3,("GG","g",("RRR",))],"E","I","HH",6)

print(X[3][3][2][0])
```

A)GG   B)3   C)RRR   D) E

9) How to create a constructor in python?

A) __del__   B) __new__   C) __init__   D) constructor

10) How to define the private variable in python?

A) private VariableName   B)__variableName,

C) _VariableName   D)prt_variableName

11) Print the 123 from the dictionary below

X={"Name":"KK","Age":[1,2,3,4,{"Age1":[{"Age2":{"Age3":{"Age4":124}}}]}]}

A) print(X["Age"][4]["Age1"][0]["Age2"]["Age3"]["Age4"]),

B) print(X["Age"][4]["Age1"][0]["Age2"]["Age3"])

C) print(X["Age"][4]["Age1"][0]["Age2"]["Age4"]["Age3"])

12) Convert the below tuple into the list.

A = ("Ram","Rahul","Raj",11,22,{"name":"Raman"})

A) print(list(A))   B) print(List(A))   C) print(List(A))

13) What will be the output of below code?

X = [11,22,33,["Raj", "Singh", "Rao",{"name":"rohit", "Age":22}]]

Y = X.pop()

print(X)

A) [11,22,33,{"name":"rohit","Age":22}]

B) [11,22,33,{"name":"rohit"}]

C) [11,22,33]

D) error

14) Why we use the self keyword in python?

A) it is the instance of class   B) it is object,

C) it is a attribute   D)It is the instance of variables

15) What __del__ represent in python?

A) constructor   B)destructor   C) Not use

16) What will be the output of below statement?

print("Hello" + "Student")

A) Hello Student   B) HelloStudent   C) Error   D)StudentHello

17) What will be the output of below statement

A = 5

B = 12

C = 2

D = 8

Final1 = A//C

Final2 = D&B

print((Final1) * (Final2))

A) 16   B) 18   C)20   D)1

18) What will the output of below code?

```
X = 15
Y = 2
C = X>>Y
print(C)
```

A) 22   B) 21   C) 1   D) 2

19) What will be the output of below code?

```
A = 15
B = 1
C = A>>B
```

A) 8   B) 1   C) 7   D) 12

20) What will be the output of below code?

```
A1 = [1,2,3,4,45,6,7,8,9,10]
for i in A1:
    if i == 45:
        continue
    print(i , end = " ")
```

A) 12345678910   B) 123445678910   C) 1 2 3 4 6 7 8 9 10

21) What will be the output of below code?

```
for i in range(1,11):
    If i == 2:
        continue
    print(i, end="")
```

A) 1 2 3 5 6 7 8 9 10   B) 1345678910   C) 1234567891011

22) What will be the output of below code?

```python
for i in range(1,5):
    if i == 2:
        pass
    print(i, end = "")
```

A)1234   B) 123   C) 124   D) 12

23) What will be the output of below code?

```python
i = 1
while i<=10:
    print(i*2, end=" ")
```

A) 1468101214161820   B) 2 4 6 8 10 12 14 16 18 20,

C) 21 infinite time   D) 2 infinite time

24) Identify the below given function type.

```python
def data(**k):
    a = k['a']*k['b']*k['c']*d['d']
    print(a)
data(a=1,b=2,c=3,d=4)
```

A) default parameter function   B) default argument function,

C) variable-length keyword function

25) Identify the below given function type?

```python
def data1(a=2,b=44,c=1):
    print(a+b+c)
data1()
```

A) default parameter function   B) default argument function

C) variable-length keyword function

26) What will be the output of below function?

```
def greater(a=33,b=2,c=1,d=66):
    if a>b and a>c and a>d:
        print("a is greater")
    elif b>a and b>c and b>d:
        print("b is greater")
    elif c>a and c>b and c>d:
        print("c is greater")
    else:
        print("d is greater")
```

A) a is greater   B) b is greater   C) c is greater   D) blank

27) What will be the output of below function?

```
def greater(a=33,b=2,c=1,d=66):
    if a>b and a>c and a>d:
        print("a is greater")
    elif b>a and b>c and b>d:
        print("b is greater")
    elif c>a and c>b and c>d:
            print("c is greater")
    else:
        print("d is greater")
greater(55,201,333)
```

A) d is greater   B) c is greater   C) b is greater   D) a is greater

28) What will be the output of following code ?

```
My_list = [1,2,3,34,5]
New_list = My_list[1:4]
print(len(New_list))
```

A) 1   B) 2   C)3   D) 4

29) Which of the following statement is true about "Global" keyword in python?

A) It allows variables to use only within a function

B) It declare variables to have global scope

C) It create a new global variable

D) It prevents a variable from being used within a function

30) What will be the output of below code ?

A = [1,2,3,4,5,6]

B = A

A.append(4)

print(len(B))

A) 1   B) 6   C) 7   D) 5

31) Which of the following sorting algorithms has the best average-case   time complexity?

A) Bubble Sort

B) Insertion Sort

C) Merge Sort

D) Selection Sort

32) What truncate do

A) Truncate can delete all data from table and also delete a table

B) Truncate can delete all data from table and keep structure as it is

C) Truncate can delete table and data from database

D) Truncate use to delete database

33) select a true statement from below

A) DDL stand for data definition language & it is use to manipulate with data
B) DDL stand for data devine language & it is use to manipulate data
C) DDL stand for data definition language & it is use to create schema

34) what intersect do in SQL ?

A) It is use to select unmatching value from two tables
B) It is use to combine two tables and return matching values from it
C) It is use to combine to tables and return matching and unmatching data from two tables

35) DML contains below commands

A) delete, truncate, drop, create
B) update, delete, insert, merge
C) update, create, insert, drop
D) select, drop, delete, truncate

36) except operator return ….

A) Matching data from both tables
B) Unique data from left and right table
C) Unique data from left table
D) Unique data from right table

37) what delete do in sql ?

A) Delete use to delete all data from table
B) Delete use to delete a column from data
C) Delete use to delete a particular row
D) Delete use to delete table data as well as table

38) In SQL, what keyword is used to sort the result set in ascending order?

A) ASC
B) DESC
C) ORDER
D) SORT

39) Which SQL clause is used to specify a condition for grouping rows in a result set?

A) Having
B) Group by
C) Where
D) filter

40) Which SQL statement is used to retrieve data from a database?

A) Select
B) Update
C) Delete
D) insert

41) Which of the following is not a prime number ?

A) 2
B) 7
C) 9
D) 11

42) What comes next in the sequence: 2, 4, 8, 16, ___?

A) 32
B) 24

C) 18
D) 64

43) If a car travels at a constant speed of 60 miles per hour, how far will it travel in 2.5 hours?

A) 120 miles
B) 150 miles
C) 125 miles
D) 70 miles

44) If 5 friends share a pizza equally and each friend eats one slice,

how many slices are left in a whole pizza?

A) 5
B) 4
C) 1
D) 0

45) If a triangle has three equal sides, it is called:

A) Scalene
B) Isosceles
C) Equilateral
D) Right-angled

46) On which Architecture Django Works ?

A) Model view templates (MVT)
B) Model view controller (MVC)
C) Model view urls
D) DDL

47) Which of the following is used for creating forms in Django?

A) HTML forms
B) Django Models
C) Django Forms
D) Django Views

48) Which of the following is not a built-in Django application?

A) Admin
B) Auth
C) Database
D) Sessions

49) What is the recommended web server to deploy a Django application for

production use?

A) Apache
B) Nginx

C) Gunicorn
D) All of the above

50) Which of the following is not a Django template engine?

A) Jinja2
B) Mako
C) Django Templates
D) Flask

-- **END OF PAPER**---