Pentagonspace

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PYTHON FULL STACK TEST EIGHT[SW] PYTHON DEC 6th CSR BATCH 1

Mock Test M.Marks: 30

Student Name	Ajay Yadav(UCOE)Greater noida	Student ID	18565
Test Name	PYTHON FULL STACK TEST EIGHT[SW] PYTHON DEC 6th CSR BATCH	1 Test Type	Mock Test
Total Questions	30	Difficulty Level	Medium
Total Marks	30	Duration	30 minutes
Parent Contact			
Attempted Questions	30	Correct Answers	9
Not Attempted Question	ns 0	Incorrect Answer	s 21
Obtained Marks	9.00	Percentage	30 %

Q. No Question Q.1 Subject: PYTHON 19th JULY CSR Topic: -Marks Obtained: [0.00 / 1.00] What will be the output of the following Python code? (If entered name is pentagon) print Enter your name: ', name = " while True: c = sys.stdin.read(1) if c == '\n': break name = name + c print('Your name is:', name) (a) pentagon (b) pentagon, pentagon (c) pan None of the mentioned (d) Incorrect Your Ans. d Correct Ans. a Subject: PYTHON 19th JULY CSR Topic: -Q.2

Marks Obtained : [0.00 / 1.00]

Which of the following Python code will print True?

a = foo(2)

b = foo(3)

print(a < b)

- (a) class foo: def init(self, x): self.x = x def It(self, other): if self.x < other.x: return False else: return True
- (b) class foo: def init(self, x): self.x = x def less(self, other): if self.x > other.x: return False else: return True
- (c) class foo: def init(self, x): self.x = x def It(self, other): if self.x < other.x: return True else: return False
- (d) class foo: def init(self, x): self.x = x def less(self, other): if self.x < other.x: return False else: return True

```
Incorrect
                                      Your Ans. a
                                                                                                      Correct Ans. c
                                                                                                                       Subject: PYTHON 19th JULY CSR Topic: -
Q.3
                                                                                                                                  Marks Obtained: [0.00 / 1.00]
 What will be the output of the following Python code?
 class change:
    def __init__(self, x, y, z):
        self.a = x + y + z
x = change(1,2,3)
y = getattr(x, 'a')
setattr(x, 'a', y+1)
print(x.a)
(a)
         6
         7
(b)
         ERROR
(c)
(d)
         0
       Incorrect
                                      Your Ans. c
                                                                                                      Correct Ans. b
                                                                                                                       Subject: PYTHON 19th JULY CSR Topic: -
Q.4
                                                                                                                                  Marks Obtained: [0.00 / 1.00]
What will be the output of the following Python code?
class fruits:
   def __init__(self, price):
self.price = price
obj=fruits(50)
obj.quantity=10
obj.bags=2
print(obj.quantity+len(obj.__dict__))
(a)
         12
(b)
         52
(c)
         13
(d)
         60
       Incorrect
                                      Your Ans. b
                                                                                                      Correct Ans. c
Q.5
                                                                                                                       Subject: PYTHON 19th JULY CSR Topic: -
                                                                                                                                  Marks Obtained: [1.00 / 1.00]
What will be the output of the following Python code?
def f(x):
   yield x+1
   print("test")
   yield x+2
g = f(10)
print(next(g))
print(next(g))
(a)
         No output
(b)
         11 test 12
(c)
         11 test
(d)
         11
                                      Your Ans. b
                                                                                                      Correct Ans. b
        Correct
```

Q.6 Subject: PYTHON 19th JULY CSR Topic: -Marks Obtained: [0.00 / 1.00] What type of inheritance is illustrated in the following Python code? class A(): pass class B(): pass class C(A,B): pass (a) Multi-level inheritance (b) Multiple inheritance (c) Hierarchical inheritance (d) Single-level inheritance Incorrect Your Ans. a Correct Ans. b Subject: PYTHON 19th JULY CSR Topic: -Q.7 Marks Obtained: [1.00 / 1.00] What is the output? def myFun(arg1, **kwargs): for key, value in kwargs.items(): print ("%s == %s" %(key, value)) myFun("Hi", first ='Space', mid ='for', last='Space') (a) last ==for mid == Space first == for (b) last ==for mid == Space first == Space (c) last == Space mid == for first == Space (d) last == for mid == for first == Space Correct Your Ans. c Correct Ans. c Q.8 Subject: PYTHON 19th JULY CSR Topic: -Marks Obtained: [0.00 / 1.00] What will be the output of the following Python code? class A: def __str__(self): return '1' class B(A):
def __init__(self): super().__init__() class C(B): def __init__(self): super().__init__() def main(): obj1 = B()
obj2 = A()
obj3 = C()
print(obj1, obj2,obj3)
main() (a) 111 (b) 123 '1' '1' '1' (c) (d) An exception is thrown Incorrect Your Ans. d Correct Ans. a

Q.9 Subject: PYTHON 19th JULY CSR Topic: -Marks Obtained: [0.00 / 1.00] rows = 5for row in range(1, rows+1): for column in range(1, row + 1): print(column, end=' ') print("") (a) code print Inverted Pyramid of Numbers (b) code print Half Pyramid Pattern of Numbers (c) code print Simple Number Triangle Pattern (d) code print Inverted Pyramid of Descending Numbers Incorrect Your Ans. a Correct Ans. b Q.10 Subject: PYTHON 19th JULY CSR Topic: -Marks Obtained: [0.00 / 1.00] What will be the output of the following Python code? class test:

def __init__(self,a):
 self.a=a def display(self): print(self.a) obj=test() obj.display() (a) Runs normally, doesn't display anything (b) Displays 0, which is the automatic default value (c) Error as one argument is required while creating the object (d) Error as display function requires additional argument Your Ans. b Correct Ans. c Incorrect Subject: PYTHON 19th JULY CSR Topic: -Q.11 Marks Obtained: [1.00 / 1.00] What is the output? def myFun(*argv): for arg in argv: print (arg) myFun('Hello', 'Welcome', 'to', 'SpaceforSpace') (a) Hello Welcome to SpaceforSpace (b) invalid syntax (c) Type error

(d) None

Correct	Your Ans. a	1	Correct Ans.	a

Q.12

Subject: PYTHON 19th JULY CSR Topic: -

Marks Obtained : [1.00 / 1.00]

What happens if the file is not found in the following Python code?

```
a=False
while not a:
    try:
        f_n = input("Enter file name")
        i_f = open(f_n, 'r')
    except:
        print("Input file not found")
```

- (a) noerror
- (b) assertion error
- (c) input output error
- (d) name error

Correct Your Ans. a Correct Ans. a

Q.13

Subject: PYTHON 19th JULY CSR Topic: -

Marks Obtained : [1.00 / 1.00]

```
rows = 6

for i in range(1, rows + 1):

for j in range(1, i - 1):

   print(j, end=" ")

for j in range(i - 1, 0, -1):

   print(j, end=" ")
```

- (a) code print Pyramid of Horizontal Tables
- (b) code print Even Number Pyramid Pattern
- (c) code print Connected Inverted Pyramid Pattern of Numbers
- (d) code print Unique Pyramid Pattern of Digits

Correct	Your Ans. d	Correct Ans. d	
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Q.14 Subject: PYTHON 19th JULY CSR Topic: -

Marks Obtained: [0.00 / 1.00] What will be the output of the following Python code? class demo(): def __repr__(self): return '__repr__ built-in function called' def __str__(self): return '_str_ built-in function called' s=demo() print(s) str called (a) (b) repr called (c) Error (d) Nothing is printed Your Ans. c Correct Ans. a Incorrect Subject: PYTHON 19th JULY CSR Topic: -Q.15 Marks Obtained: [0.00 / 1.00] What is the output of the following program? value = [1, 2, 3, 4] data = 0 try: data = value[3] except IndexError: print('PSC IndexError ', end = ") except: print('SpaceforSpace IndexError ', end = ")
finally:
 print('Space IndexError ', end = ") data = 10 try: data = data/0 except ZeroDivisionError:
 print('PSC ZeroDivisionError ', end = ")
finally: print('Space ZeroDivisionError ') (a) PSC ZeroDivisionError PSC ZeroDivisionError (b) PSC ZeroDivisionError Space ZeroDivisionError (c) Space IndexError PSC ZeroDivisionError Space ZeroDivisionError (d) Space IndexError PSC ZeroDivisionError Your Ans. d Incorrect Correct Ans. c Subject: PYTHON 19th JULY CSR Topic: -Q.16 Marks Obtained: [0.00 / 1.00] What will be the output of the following Python code? class A: def __init__(self,x): self.x = x def count(self,x): self.x = self.x+1class B(A): def __init__(self, y=0): A.__init__(self, 3) self.y = y
def count(self): self.y += 1 def main(): obj = B() obj.count() print(obj.x, obj.y) main()

(a) 3 0 (b) 3 1 0 1 (c) (d) An exception in thrown Incorrect Your Ans. d Correct Ans. b Q.17 Subject: PYTHON 19th JULY CSR Topic: -Marks Obtained: [1.00 / 1.00] What will be the output of the following Python code? class Demo: def __new__(self):
 self.__init__(self)
 print("Demo's __new__() invoked") def __init__(self): print("Demo's __init__() invoked")
class Derived_Demo(Demo): def __new__(self): print("Derived_Demo's __new__() invoked") def __init__(self): print("Derived_Demo's __init__() invoked") def main(): obj1 = Derived_Demo() obj2 = Demo() main() (a) Derived_Demo's init() invoked Derived_Demo's new() invoked Demo's init() invoked Demo's new() invoked Derived_Demo's new() invoked Demo's init() invoked Demo's new() invoked (b) (c) Derived_Demo's new() invoked Demo's new() invoked (d) Derived_Demo's init() invoked Demo's init() invoked

Correct Your Ans. b Correct Ans. b

Subject: PYTHON 19th JULY CSR Topic: -

Marks Obtained: [0.00 / 1.00]

What will be the output of the following Python code if the input entered is 6?

valid = False while not valid: try: n=int(input("Enter a number")) while n%2==0: print("Bye")
valid = True except ValueError: print("Invalid")

- Bye (printed once) (a)
- (b) No output

Q.19

Q.18

- (c) Invalid (printed once)
- (d) Bye (printed infinite number of times)

Incorrect Your Ans. b Correct Ans. d

Subject: PYTHON 19th JULY CSR Topic: -

Marks Obtained: [1.00 / 1.00]

What will be the output of the following Python code? class test: class test:
 def __init__(self):
 self.variable = 'Old'
 self.Change(self.variable)
 def Change(self, var):
 var = 'New'
 obj=test()
 print(obj.variable) (a) Error because function change can't be called in the init function (b) 'New' is printed (c) 'Old' is printed (d) Nothing is printed Correct Your Ans. c Correct Ans. c Subject: PYTHON 19th JULY CSR Topic: -Q.20 Marks Obtained : [0.00 / 1.00] What will be the output of below Python code? class A: def __init__(self,num): num=3 self.num=num def change(self): self.num=7 a=A(5) print(a.num) a.change() print(a.num) (a) 5 7 (b) 5 5 (c) 33 (d) 37 Incorrect Your Ans. b Correct Ans. d Q.21

Subject: PYTHON 19th JULY CSR Topic: -

Marks Obtained : [0.00 / 1.00]

```
rows = 5
  k = 2 * rows - 2
  for i in range(rows, -1, -1):
     for j in range(k, 0, -1):
        print(end=" ")
     k = k + 1
     for j in range(0, i + 1):
        print("*", end=" ")
     print("")
(a)
       code print Pyramid Pattern of Stars
(b)
       code print Equilateral Triangle with Stars
```

Incorrect Your Ans. b Correct Ans. c

What will be the output of the following Python code? class Test: def __init__(self): self.x = 0

code print Downward Triangle Pattern of Stars

code print Half Pyramid Pattern of Stars

class Derived_Test(Test): def __init__(self): self.y = 1 def main(): b = Derived_Test()

print(b.x,b.y)
main()

(c) (d)

Q.22

- 0 1 (a)
- (b) 0 0

Q.23

- (c) Error because class B inherits A but variable x isn't inherited
- (d) Error because when object is created, argument must be passed like Derived_Test(1)

Correct Correct Ans. c Your Ans. c

Subject: PYTHON 19th JULY CSR Topic: -

Marks Obtained: [0.00 / 1.00]

Subject: PYTHON 19th JULY CSR Topic: -

Marks Obtained: [1.00 / 1.00]

What is the output? class Person(object): def __init__(self, name): self.name = name def getName(self): return self.name def isEmployee(self): return False class Employee(Person): def isEmployee(self): return True emp = Person("Geek1")
print(emp.getName(), emp.isEmployee()) emp = Employee("Geek2") print(emp.getName(), emp.isEmployee()) (a) Syntax error (b) Geek1 False Geek2 True (c) Geek1 True Geek2 False (d) Type error Incorrect Your Ans. c Correct Ans. b Q.24 Subject: PYTHON 19th JULY CSR Topic: -Marks Obtained: [1.00 / 1.00] What will be the output of the following Python code?

class Demo:
 def __init__(self):
 self.a = 1
 self._b = 1

 def display(self):
 return self._b

obj = Demo()
print(obj._b)

Q.25

(a) The program has an error because there isn't any function to return self.a

- (b) The program has an error because b is private and display(self) is returning a private member
- (c) The program has an error because b is private and hence can't be printed
- (d) The program runs fine and 1 is printed

Correct Your Ans. c Correct Ans. c

Subject: PYTHON 19th JULY CSR Topic: -

Marks Obtained : [0.00 / 1.00]

```
class A:
    def test(self):
        print("test of A called")
class B(A):
    def test(self):
        print("test of B called")
    super().test()
class C(A):
    def test(self):
        print("test of C called")
    super().test()
class D(B,C):
    def test2(self):
        print("test of D called")
obj=D()
obj.test()
```

- (a) test of B called test of C called test of A called
- (b) test of C called test of B called
- (c) test of B called test of C called
- (d) Error, all the three classes from which D derives has same method test()

Incorrect	Your Ans.	b	Correct Ans.	a
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Q.26

Subject: PYTHON 19th JULY CSR Topic: -

Marks Obtained: [0.00 / 1.00]

What will be the output of the following Python code?

```
class stud:
    def __init__(self, roll_no, grade):
        self.roll_no = roll_no
        self.grade = grade
    def display (self):
        print("Roll no : ", self.roll_no, ", Grade: ", self.grade)
stud1 = stud(34, 'S')
stud1.age=7
print(hasattr(stud1, 'age'))
```

- (a) Error as age isn't defined
- (b) True
- (c) False
- (d) 7

Incorrect Your Ans. a Correct Ans. b

Q.27

Subject: PYTHON 19th JULY CSR Topic: -

Marks Obtained : [0.00 / 1.00]

What will be the output of the following Python code?

```
class A:
    def __init__(self):
        self.multiply(15)
        print(self.i)

    def multiply(self, i):
        self.i = 4 * i;
class B(A):
    def __init__(self):
        super().__init__()

    def multiply(self, i):
        self.i = 2 * i;
obj = B()
```

(a) 15 (b) 60 An exception is thrown (c) (d) Incorrect Your Ans. c Correct Ans. d Q.28 Subject: PYTHON 19th JULY CSR Topic: -Marks Obtained: [0.00 / 1.00] What will be the output of the following Python code? $f = None \\ for i in range (5): \\ with open("data.txt", "w") as f: \\ if i > 2: \\$ break print(f.closed) (a) True (b) False (c) None (d) Error Incorrect Your Ans. c Correct Ans. a Subject: PYTHON 19th JULY CSR Topic: -Q.29 Marks Obtained: [0.00 / 1.00] Compare the following two Python codes shown below and state the output if the input entered in each case is -6? CODE 1 import math num=int(input("Enter a number of whose factorial you want to find")) print(math.factorial(num)) CODE 2 num=int(input("Enter a number of whose factorial you want to find")) print(math.factorial(num)) (a) valueerror, nameerror (b) attributeerror, valueerror (c) nameerror, typeerror (d) typeerror, valueerror Incorrect Your Ans. c Correct Ans. a Subject: PYTHON 19th JULY CSR Topic: -Q.30 Marks Obtained : [0.00 / 1.00]

```
what will be the output of the following Python code?

class A:
    def __init__(self):
    self._j = 1
    self.j = 5

def display(self):
    print(self._j, self.j)
class B(A):
    def __init__(self):
    super().__init__()
    self._j = 7
    c = B()
    c.display()

(a) 2 7

(b) 1 5

(c) 1 7

(d) 2 5

Incorrect Your Ans. b Correct Ans. c
```