Computing Fundamentals using Python

SUBJECT CODE : UQ25CA151A

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Computer Applications

MCQ's

1.What will be the output?
s = "PyThOn"
print(s.swapcase())

a) PYTHON
b) python
c) pYtHoN
d) Error

Ans: C

MCQ's

2.What is the output of:

s = "123abc"

print(s.isalnum(), s.isalpha(), s.isdigit())

a) (True, False, False)

b) (True, True, False)

c) (False, True, True)

d) (False, False, True)

Ans: a

MCQ's

3.What will print("banana".find("na", 3)) return?

a) 2
b) 4
c) -1
d) Error

Ans: b

MCQ's

4.What will be the output?

s = "a,b,c"
print(s.split(",", 1))

a) ['a', 'b', 'c']
b) ['a', 'b,c']
c) ['a,b', 'c']
d) Error

Ans:b

MCQ's

5.What will be the output?

```
s = "a,b,c"
print(s.split(",", 1))
```

a) ['a', 'b', 'c']
b) ['a', 'b,c']
c) ['a,b', 'c']
d) Error

Ans:b

MCQ's

6.What is the output?
s = "hello.py"
print(s.endswith(("java", "py", "cpp")))

a) True
b) False
c) "py"
d) Error

Ans:a

MCQ's

7 . What will this print?

s = "   hello   world   "

print(s.strip().replace(" ", "-"))

a) "hello---world"

b) "hello-world"

c) " hello---world "

d) "hello world"

Ans:b

MCQ's

7 . What will this print?

```
s = "  hello  world  "
print(s.strip().replace(" ", "-"))
```

a) "hello---world"
b) "hello-world"
c) " hello---world "
d) "hello world"

Ans:b

MCQ's

7 . What will this print?

s = "   Hello Python learners! Python is amazing and fun.   "
print(s.strip().replace("Python", "Java").swapcase())

a) "HELLO JAVA LEARNERS! JAVA IS AMAZING AND FUN."
b) "hello java learners! java is amazing and fun."
c) `"hELLO java LEARNERS! java IS AMAZING AND FUN."
d) Error

Ans: C

Computing Fundamentals using Python

Practice Programs

Consider the given string
"Hello Python learners! Python is amazing and fun. "

- Remove extra spaces at the beginning and end.
- Replace "Python" with "Java".
- Create uppercase, lowercase, and swapcase versions.
- Check if the sentence starts with "Hello".
- Check if the sentence ends with a period ".".
- Count how many times "Python" occurs in the original sentence.
- Split the sentence into words.
- Join the words using a dash "-" as a separator.
- Count the total number of words after splitting.

THANK YOU

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