Computing Fundamentals using Python

SUBJECT CODE : UQ25CA151A

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Computer Applications

MCQ's

1. Write the output

```
s = "PYTHON"
print(s[0:3])
```

Options:

a) P
b) PYT
c) PYTH
d) THO

Answer: b) PYT

MCQ's

2. Write the output

```
s = "PYTHON"
print(s[:4])
```

Options:

a) PYTH
b) PY
c) THON
d) Error

Answer: a) PYTH

MCQ's

3. Write the output

```
s = "PYTHON"
print(s[3:])
```

Options:

a) PYT
b) HON
c) THON
d) PTH

Answer: c) THON

MCQ's

4. Write the output

```
s = "PYTHON"
print(s[3:])
```

Options:

a) PYT
b) HON
c) THON
d) PTH

Answer: c) THON

MCQ's

5. Write the output

```
s = "HELLO"
print(s[:-2])
```

Options:

a) HEL
b) HELL
c) LO
d) HE

Answer: a) HEL

MCQ's

6. Write the output

```
s = "PYTHON"
print(s[::2])
```

Options:

a) PTO
b) PYO
c) PTHN
d) PTON

Answer: a) PTO

MCQ's

7. Write the output

```
s = "PYTHON"
print(s[::-1])
```

Options:

a) N
b) PYTHON
c) NOHTYP
d) Error

Answer: c) NOHTYP

MCQ's

8. Write the output

```
s = "PROGRAMMING"
print(s[1:8:2])
```

Options:

a) RGAM
b) ROA
c) RGA
d) RGM

Answer: a) RGAM

MCQ's

9. Write the output

```
s = "DATA"
print(s[-4:-1])
```

Options:

a) DAT
b) D
c) ATA
d) Error

Answer: a) DAT

MCQ's

10. Write the output

```
s = "MACHINE"
print(s[2:-2])
```

Options:

a) ACHI
b) CHIN
c) CHI
d) AHI

Answer: c) CHI

Practice Programs

Consider given **String: Programming** and perform following operation

1. Extract "PROG“
2. Extract "GRAM“
3. Extract "RAMM“
4. Last 4 characters
5. Exclude First and Last Character
6. Every 2nd Character,
7. Every 3rd Character
8. Reverse the String
9. Reverse Middle Portion "ROGRAM“
10. Extract "ROGRA" without using start index
11. Characters at Odd Indexes
12. Characters at Even Indexes
13. Middle 5 Characters
14. Slice Without Last 3 Characters

THANK YOU

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