5 Lecture - CS201

Important Mcqs

1. \	What is	the	syntax	for	an i	f	statement	in	Python?
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- A. if (condition):
- B. if [condition]:
- C. if {condition}:
- D. if <condition>:

Answer: A

2. What is the output of the following code snippet?

x = 5
if x > 3:
print("x is greater than 3")
else:
print("x is less than or equal to 3")

- A. x is greater than 3
- B. x is less than or equal to 3
- C. SyntaxError
- D. NameError

Answer: A

3. Which conditional statement can handle multiple conditions in Python?

- A. if statement
- B. if-else statement
- C. if-elif statement
- D. switch statement

Answer: C

4. What is the syntax for an if-else statement in JavaScript?

- A. if (condition) {code block 1;} else {code block 2;}
- B. if [condition] {code block 1;} else {code block 2;}
- C. if {condition} {code block 1;} else {code block 2;}
- D. if <code block 1;} else {code block 2;}

Answer: A

5. What is the output of the following code snippet?

```
x = 10
if x > 5:
print("x is greater than 5")
elif x > 8:
print("x is greater than 8")
else:
print("x is less than or equal to 5")
A. x is greater than 5
B. x is greater than 8
C. x is less than or equal to 5
D. SyntaxError
Answer: A
6. Which conditional statement is used to execute different code blocks for different values
   of a variable?
A. if statement
B. if-else statement
C. if-elif statement
D. switch statement
Answer: D
```

7. What is the output of the following code snippet?

```
x = 10
if x > 5 and x < 15:
print("x is between 5 and 15")
```

- A. x is between 5 and 10
- B. x is between 10 and 15
- C. x is greater than 5 and less than 15
- D. x is not between 5 and 15

Answer: C

8. Which of the following is an example of a Boolean expression?

A. 5 + 3

B. "Hello, world!"

C. True

D. None

Answer: C

9. What is the output of the following code snippet?

```
x = "apple"
if "p" in x:
```

pr	rint("The letter p is in x")
В. С.	. The letter p is in x . The letter p is not in x . SyntaxError . NameError
Ar	nswer: A
10.	What is the output of the following code snippet?
if :	= 5 x == 5: = x + 1 x > 5:

A. 5

x = x + 2print(x)

B. 6

C. 7

D. 8

Answer: C