## 5 Lecture - CS201

## Important Mcqs

1. What is the syntax for an if statement in Python?
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 <condition> \{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 $x$ :
print("The letter $p$ is in $x$ ")
A. The letter $p$ is in $x$
B. The letter $p$ is not in $x$
C. SyntaxError
D. NameError

Answer: A
10. What is the output of the following code snippet?

$$
\begin{aligned}
& x=5 \\
& \text { if } x=5 \text { : } \\
& x=x+1 \\
& \text { if } x>5 \text { : } \\
& x=x+2 \\
& \operatorname{print}(x)
\end{aligned}
$$

A. 5
B. 6
C. 7
D. 8

Answer: C

