

Worksheet

1

Name:

Roll No: Class: Section:

Date:

CONDITIONAL STATEMENTS IN PYTHON

Chapter-3

A. Tick (✓) the correct option.

1. In the if statement, if the expression is, the statements within if block are executed.

- | | | | |
|-----------------|--------------------------|------------------|--------------------------|
| a. False | <input type="checkbox"/> | b. True | <input type="checkbox"/> |
| c. Both a and b | <input type="checkbox"/> | d. None of these | <input type="checkbox"/> |

2. In the following code, what is the output?

```
a = 33
b = 34
if b > a:
    print("b is greater than a")
elif a == b:
    print("a and b are equal")
```

- | | | | |
|--|--------------------------|------------------------|--------------------------|
| a. a and b are equal | <input type="checkbox"/> | b. b is greater than a | <input type="checkbox"/> |
| c. Message displaying "Invalid syntax" | <input type="checkbox"/> | d. None of these | <input type="checkbox"/> |

3. In the following code, what is an error?

```
a = 33
b = 200
if b > a:
    print("b is greater than a")
```

- | | | | |
|-------------------|--------------------------|-------------------------------|--------------------------|
| a. Invalid syntax | <input type="checkbox"/> | b. Expected an indented block | <input type="checkbox"/> |
| c. Both a and b | <input type="checkbox"/> | d. None of these | <input type="checkbox"/> |

B. Answer the following questions.

1. Why do we need decision-making statements?

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2. Explain and write Syntax for 'if' and 'if..elif' block.

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