SESSION: 2024-25
RevisionSheet-2

CHAPTER: 9 & 10   **CLASS:-VII**
SUBJECT: COMPUTER   **DATE: -**

Section 1: Multiple Choice Questions (MCQs)

Choose the correct answer:

i. .... In Python is done by conditional statements which decide the flow of program execution.
a. Program making
b. Decision making
c. Problem solving
d. All of these

ii. Which of the following is not one of the conditional statements in Python?
a. if statement
b. if...elif...else Statement
c. if...else Statement
d. None of these

iii. What will be the output of the following code?

```python
if True:
print("Hello")
else:
print("Hi")
```
a. Hello
b. Hi
c. Hello Hi
d. No print

iv. .... Models can accurately identify and classify objects.
a. Deep Learning
b. Computer Vision
c. NLP
d. None of these

v. Which of the following technologies will be used to filter emails?
a. NLP
b. Machine Learning
c. Computer Vision
d. None of these

Section 2: True or False

Write True or False for the following statements:

i. Email filters are the most basic application of NLP. TRUE

ii. Security and surveillance are based on NLP. FALSE

iii. Big Data helps AI to discover the customer's shopping habits. TRUE

iv. The if statement executes a command if the provided condition evaluates

 to true. TRUE

v. If the condition evaluates to false, then the control of execution is passed

 to the next statement after the if block. TRUE

Section 3: Short Answer Questions

Answer the following questions in one line:

i. Write the syntax for the if...else statement.

ii. Define the nested if statement.

iii. Define NLP.

iv. Define computer vision.

Section 4: Fill in the Blanks

i. Decision making is done by _____

ii. The _____ block will be executed if and only if the provided condition evaluates to false.

iii. Machine can't learn without the presence of _____ .

iv. _____ helps to analyze data including consumer habits, consumer interest, etc.

Answer Key:

Section 1: Multiple Choice Questions (MCQs)

i. **b. Decision making**
ii. **d. None of these**
iii. **a. Hello**
iv. **b. computer vision**
v. **a. NLP**

Section 2: True or False

i. True
ii. False
iii. True
iv. True
v. True

Section 3: Short Answer Questions

i. `if (condition):`
    `else:`

ii. A nested if statement is an, if statement inside another if statement.

iii. NLP stands for Natural Language Processing.

iv. Computer vision is the field that enables computers to interpret and
 process visual information from the world.

Section 4: Fill in the Blanks

i. Decision making is done by **conditional statements**.

ii. The **else** block will be executed if and only if the provided condition evaluates to false.

iii. Machine can't learn without the presence of **Humans**

iv. **BigData** helps to analyze data, including consumer habits, consumer interest, etc.