



B.K. BIRLA CENTRE FOR EDUCATION

**SARALA BIRLA GROUP OF SCHOOLS
A CBSE DAY-CUM-BOYS' RESIDENTIAL SCHOOL**



POST MID TERM 2025-26

ARTIFICIAL INTELLIGENCE – MARKING SCHEME

**Class : VIII
Date : 08-01-2026
Admission No.:**

**Duration : 1 Hr
Max. Marks : 25
Roll No.:**

General Instructions:

Try to attempt all questions as per given order.

All questions are compulsory.

The Question Paper is divided into Three sections Section A to C.

- Section A has 11 questions attempt 11 and carry 1 mark each.
- Section B has 4 questions attempt 4 and carry 2 marks each.
- Section C has 2 questions attempt 2 and carry 3 marks each.

Section-A

Multiple Choice Questions:

1. Which HTML tag is used to embed an audio file into a web page?
(a) <audio> * (b) < video> (c) (d) <source>
2. Which attribute specifies the source of the video file?
(a) src * (b) alt (c) width (d) height
3. Which HTML tag is used to create a hyperlink?
(a) <link> (b) <a> * (c) (d) <href>
4. Which attribute specifies the URL of the linked resource?
(a) href * (b) sc (c) alt (d) title
5. Which color is typically used to indicate an unvisited hyperlink?
(a) Blue * (b) Red (c) Green (d) Purple
6. Which color is typically used to indicate a visited hyperlink?
(a) Blue (b) Red (c) Green (d) Purple *
7. What happens when running the following code?

message = what a cool message!

print(message)

- (a) Python throws a Syntax Error because the string is not surrounded by quotes.
- (b) Python throws a NameError because the name is not defined properly.
- (c) "message" is printed.
- (d) "What a cool message!" gets printed to the console.

8. people = ["John", "Rob", "Bob"]

print (people[4])

what would this result be?

- (a) John
- (b) Rob
- (c) Bob
- (d) Error *

9. What letter will be printed on the screen after running this code:

```
city = "Exeter"
```

```
letter = city[3]
```

```
print (letter)
```

- (a) E (b) x (c) t * (d) Nothing prints

10. How do you combine two strings?

(a) string1 + string2 * (b) string1.combine(string2)

(c) string1.concatenate(string2) (d) string1*string2

11. Joining elements together to make a string is called what?

- (a) Combining (b) Connecting (c) Concatenation * (d) Stringing

SECTION - B

Short Questions :

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1. What is <embed> tag?

Ans: Defines a container for external (non html) content. They are sound effects the video clips and moving pictures.

2. Complete the code:

```
< audio control _____>
```

```
<embed height= _____ width= _____ src="abc.mp3">
```

```
<_____>
```

Ans: autoplay, 50,60, </audio>

3. What is string?

Ans: String can be created by enclosing characters inside single quotes or double quotes. Even triple quotes can be used in python but generally used to represent multiline string.

4. How many types of indexing are available in python strings?

Ans: Python strings support **two types of indexing: Positive and Negative indexing.**

SECTION – C

Long Questions:

1. Explain the concept of traversing a string in python with example.

Ans: Traversing a string means going through the string **one character at a time.**

We usually do this using a **loop**. Python allows us to look at each character in a string using a **for loop**.

Example:

```
name = "PYTHON"
```

```
for ch in name:
```

```
    print(ch)
```

2. . Distinguish between href and name attributes of <a> tag with examples.

Attribute	Purpose	Example
href	Specifies the URL/location to which the link points.	Visit
name	Used to create a bookmark within the same page.	