

**BHAVAN'S TRIPURA VIDYAMANDIR****Term-II Examination 2024-2025****Class:-VII, Subject:-Computer**

Time: -1 Hours.

Total: -30 Marks

Name of the student: \_\_\_\_\_ Roll: \_\_\_\_\_ Section: \_\_\_\_\_

**A. Multiple Choice Questions.****1 × 5 = 5**

- Which of the following is not a cloud storage provider?  
a) Flipkart                      b) Drop box                      c) One Drive                      d) Google Drive
- Which of the following statements helps us to set up a loop in Python?  
a) for statement                      b) while                      c) do while                      d) both (a) & (b)
- The full form of NLP is \_\_\_\_\_.  
a) Neuro Language Programming                      b) Natural Language Programming  
c) Natural Language processing                      d) Natural Language Presentation
- What series of numbers is generated if we use **range (1, 5, 0)**?  
a) 1,1,1,1,1                      b) Error                      c) 1,2,3,4,5                      d) 1,2,3,4
- Which of the following is the shortcut key for converting an object into symbol?  
a) F6                      b) F5                      c) F8                      d) F4

**B. Write T for true and F for false Statements.****1 × 4 = 4**

- Locking a layer means we cannot edit the contents of the layer.
- Robots are frequently used in factories and industries to perform repetitive tasks.
- Cloud computing is not very cost effective for users.
- We cannot modify the symbols once they have been created.

**C. Find the Error in the following code:****1 × 4 = 4**

1) <code>s= 'Hello World'</code> <code>print(s.upper)</code>	2) <code>for j in (10):</code> <code>print(j)</code>
3) <code>for i in range[1;10]:</code> <code>print(i)</code>	4) <code>t= 'RAINBOW'</code> <code>for i in range(len[t]):</code> <code>print(i; s(i))</code>

**D. Consider the string str='Ozone Layer'. Write statements in Python for the following:****1 × 3 = 3**

- To display the length of the string.
- To display the last character of the string.
- To display the string in lowercase.

**E. Very Short Answer Questions.****1 × 4 = 4**

- Define **Computer Vision**?
- What is **Big Data**?
- Define **infinite loop**?
- What is a **String**?

**F. Short Answer Questions.****2 × 2 = 4**

- Differentiate between **AR** and **VR**.
- Differentiate between **Motion Tweening** and **Shape Tweening**.

**G. Long Answer Questions.****3 × 2 = 6**

- What is Artificial Intelligence? Give two example of everyday application that uses AI.
- What is the purpose of **range ( )** function? Give an example.