



विद्या सर्वार्थ साधिका

ANANDALAYA
PERIODIC TEST – 1
Class: XI

Subject: Computer Science

Date: 19-07-2025

MM :40

Time: 1 Hr. 30 min.

General Instructions:

1. There are 17 questions in this question paper. All questions are compulsory.
2. Q. No. 1 to 5 are multiple choice questions and carry 1 mark each.
3. Q. No. 6 to 10 are do as directed and carry 2 mark each.
4. Q. No. 11 to 15 are Predicting and carry 3 marks each.
5. Q. No. 16 and 17 are writing program and carry 5 marks.

Section –A

(Select the best appropriate answer(s) from the options given below)

1. What is the result of the following expression? (1)
print(10 + 6 * 2 ** 2 != 9//4 - 3 and 29 >= 29/9)
(A) True (B) False (C) Error (D) None
2. Which of the following is NOT a Python keyword? (1)
(A) def (B) elif (C) value (D) import
3. Which of the following is an example of a logical operator in Python? (1)
(A) = (B) and (C) != (D) **
4. What will be the output? (1)
for i in range(1, 4):
 for j in range(1, 3):
 print(i * j, end=' ')
(A) 1 2 3 4 5 6 (B) 1 2 2 4 3 6 (C) 1 2 1 2 1 2 (D) 1 1 1 2 2 2
5. Identify the correct use of range() to print values from 10 to 1 (reverse order). (1)
(A) range(10, 1) (B) range(10, 0, -1) (C) range(1, 10, -1) (D) range(0, 10, -1)

Section – B

6. Find the syntax error(s), if any, in the following program. Rewrite the corrected version of the code. (2)
value1 = int(input("Enter a number:"))
if value1 % 2 = 0
 print("Even number")
else
 print("Odd number")
print("Done!")
7. What will be the output produced by the following code fragment? (2)
for i in range(1, 4):
 for j in range(1, 4):
 if i * j % 2 == 1:
 continue
 if i + j > 5:
 break
 print(i, j)
8. What is the role of indentation in Python? (2)
9. Explain the use of break statement in python with example. (2)

- 10 Given, theme = "*#BeatPlasticPollution*", what is the output of the following statements: (2)
(A) print(theme[1:5]) (B) print(theme[: :-1])
(C) print(theme[1:5:3]) (D) print(theme[-6])

Section – C

11. Identify and list the correct identifier name in python from the list below, also give reason why others are not correct. (3)
True , init__ , user@name , lambda_23 , my-variable , me@123
12. What are tokens in Python? How many types of tokens are allowed in Python? Exemplify your answer. (3)
13. What are variables and identifiers in Python? Write any five rules for naming identifiers. (3)
14. Differentiate between for loop and while loop. When would you prefer one over the other? (3)
15. What will be the output produced by the following code fragment? (3)
x=45
for i in range(1,50):
 print(i,"#",x)
 if x % i == 3:
 break

Section – D

16. Write a Python program to check whether a given number is a palindrome or not. (5)
17. Write a Python program to input a Year and check the given year is leap year or not. (5)