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SAMPLE PAPER 1

COMPUTER SCIENCE

A Highly Simulated Practice Questions Paper
for CBSE **Class XII** (Term I) Examination

Instructions

1. This question paper is divided into three sections.
2. **Section - A** contains 25 questions (1-25). Attempt **any 20** questions.
3. **Section - B** contains 24 questions (26-49). Attempt **any 20** questions.
4. **Section - C** contains 6 case study based questions (50-55). Attempt **any 5** questions.
5. Each question carries 0.77 mark.
6. There is **no** negative marking.

Roll No.

| Maximum Marks : 35 |
| Time allowed : 90 min |

Section A

This section consists of 25 questions (1 to 25). Attempt any 20 questions from this section. Choose the best possible option.

1. .... is a logical instructions, which Python interpreter can read and execute.
   (a) Expression   (b) Statement   (c) Comment   (d) Identation

2. Which comments start with # symbol?
   (a) Double line   (b) Multi-line   (c) Single line   (d) All of these

3. Which data type contains only numeric value in Python?
   (a) Numbers   (b) Strings   (c) Lists   (d) Tuples

4. Index of .... refers to first element.
   (a) 1   (b) – 1   (c)   (d) n+1

5. This function is used to calculate total occurrence of given elements of list.
   (a) len()   (b) sum()   (c)   (d) extend()

6. Which of the following is a collection of Python objects separated by commas represent as (,)?
   (a) List   (b) Tuple   (c) Dictionary   (d) String

7. .... a tuple is a technique to access an individual element of that tuple.
   (a) Comparing   (b) Accessing   (c) Concatenation   (d) Traversing

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3. Which data type contains only numeric value in Python?
   (a) Number   (b) String   (c) List   (d) Tuple

4. Index of .... refers to first element.
   (a) 1   (b) −1   (c) 0   (d) n+1

5. This function is used to calculate total occurrence of given elements of list.
   (a) len()   (b) sum()   (c) count()   (d) extend()

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   - (c) ▮
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---

8. You can repeat the elements of the tuple using which operator?
   (a) *   (b) +   (c) **   (d) %

9. ...... are used to pass the value of a variable to a function.
   (a) Arguments   (b) Parentheses   (c) Classes   (d) Objects

10. non-void functions are also known as
    (a) non functions   (b) valid functions   (c) fruitful functions   (d) invalid functions

11. A variable declared in a block is local to that block and is known as
    (a) global variable   (b) local variable   (c) multi variable   (d) single variable

12. What is the mean of L in LEGB rule for scope resolution?
    (a) Local   (b) Last   (c) Least   (d) Library

13. In which file, no delimiters are used for line and no translations occur?
    (a) Text file   (b) Binary file   (c) CSV file   (d) None of these

14. Which attribute is used to return access mode with that file was opened?
    (a) mode.file   (b) mode.file.name   (c) file.mode   (d) file.mode.type

15. .... method takes a string and writes it in the file.
    (a) writelines()   (b) write()   (c) writerow()   (d) writer()

16. For readline(), a line is terminated by
    (a) '\n'   (b) EOF   (c) Either (a) or (b)   (d) None of these

17. Which of the following is true regarding lists in Python?
    (a) Lists are immutable.
    (b) Size of the lists must be specified before its initialisation
    (c) Elements of lists are stored in contiguous memory locations
    (d) size(list1) command is used to find the size of lists.

18. Suppose list1 is [56, 89, 75, 65, 99], what is the output of list1 [−2]?
    (a) Error   (b) 75   (c) 99   (d) 65

19. Which one of the following is correct?
    (a) In Python, a dictionary can have two same keys with different values.
    (b) In Python, a dictionary can have two same values with different keys.
    (c) In Python, a dictionary can have two same keys or same values but cannot have two same keys-value pair.
    (d) In Python, a dictionary can neither have two same keys nor two same values.

20.
```
d1={'abc':5,'def':6,'ghi':7}
print(d1[0])
```
What will be the output of above Python code?
    (a) abc   (b) 5   (c) {"abc":5}   (d) Error

21. Which of these about a dictionary is false?
    (a) The values of a dictionary can be accessed using keys.
    (b) The keys of a dictionary can be accessed using values.
    (c) Dictionaries are not ordered.
    (d) Dictionaries are mutable.

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