

Class XII Computer Application
Modal Question Paper (DA Students)
Session: 2024-25

Time: 3 hours

Theory: 60 Marks

Note:

1. Question Paper will be divided into three parts (Part- A, Part- B, and Part C)
2. In **Part- A**, will consists of two Questions:
 - i. Que no. 1 will have 9 questions of Multiple-Choice and True/False type, carrying one mark each.
 - ii. Que no. 2 will have 9 questions of Fill in the Blanks and Full Form Type, carrying one mark each.
3. In **Part -B**, there will be 8 Questions from Que 3 to 10, students have to attempt any 4 questions, each question will be of 3 marks.
4. In **Part-C**, there will be 6 questions from Que 11 to 16, students have to attempt any 3 questions, each question will be of 4 marks.

Part-A (18x2=36)

Objective Type Questions

Que:1 Multiple Choice and True/False Type Questions:

- i. _____ is a type of document that specifies all those things that need to be defined and created during the entire project cycle.
 - a. SRS
 - b. SDLC
 - c. RRS
 - d. SDD
- ii. Any program consists of _____
 - a. Keywords
 - b. Identifiers
 - c. Tokens
 - d. Operators
- iii. _____ is the process of converting data of one type to another type.
 - a. Data Type
 - b. Mutable
 - c. Indentation
 - d. Type conversion
- iv. Looping Flow Control is also known as _____ Flow Control.
 - a. Branching
 - b. Iterative
 - c. Sequential
 - d. Decision-Making
- v. String is an _____ data type in Python, i.e. once we created a string, we cannot change it.
 - a. Static
 - b. Dynamic
 - c. Mutable
 - d. Immutable
- vi. _____ means arrange the values in ascending or descending order.
 - a. Index
 - b. Slice
 - c. Sort
 - d. Traverse

- vii. _____ is the process of converting data of one type to another type.
- | | |
|----------------|--------------------|
| a. Data Type | b. Mutable |
| c. Indentation | d. Type conversion |
- viii. We use _____ statement in Python to write empty loops.
- | | |
|----------|-------------|
| a. break | b. continue |
| c. fail | d. pass |
- ix. E-waste is good for Human health. (True/False)

Que:2 Fill in the Blanks and Full Form Type Questions:

- i. _____ refers to the code of responsible behaviour on the internet.
- ii. _____ function is used to find the total of all values in an expression.
- iii. Keywords are the _____ words.
- iv. Python does not have a _____ data type;
- v. List is an ordered and _____ collection of one or more data items, not necessarily of the same type; they can be of any type.
- vi. Write the full form of LAN
- vii. Write the full form of SMTP
- viii. Write the full form of SDLC
- ix. Write the full form of DDL

Part-B (4x3= 12)

Short Answer Type Questions (Attempt any four)

3. What is Firewall?
4. Explain the role of DBA in Database.
5. What is MySQL?
6. What is IDE? Write some examples of IDEs used for Python.
7. Write the name of some Standard Data types used in Python
8. Explain the various Arithmetic operators used in Python.
9. What is Slicing?
10. What are Tuples?

Part-C (3x4= 12)

Long Answer Type Questions (Attempt any three)

11. Explain Different types of Networks in detail.
12. What is MODEM? Briefly Explain any two external MODEMS.
13. Explain Stages of SDLC?
14. What is Prototyping and where it is used?
15. What do you mean by Flow Control Statement? Explain different types of flow control statements used in Python
16. What is Looping? Explain any one looping statement with suitable example.