

M.Q.1

MODEL QUESTION PAPER - I

Time: Three hours

Maximum Marks: 100

- [N.B: (1) Answer all questions in PART - A.
(2) Answer division (a) or division (b) of each question in PART - B.
(3) Each question carries 3 marks in PART - A and 14 marks in PART - B]*

PART - A

1. Write notes on comments in python.
2. List any three datatype conversion functions.
3. Define loop terminator.
4. Discuss parameter and arguments.
5. Define string slicing.
6. Explain copying list.
7. Explain returning tuples.
8. Give any three dictionary properties.
9. Define a file.
10. Define exception and give any two exceptions.

PART - B

11. (a) Explain the features of python.
(or)
(b) (i) With example discuss data type conversion.
(ii) Explain input() function.
12. (a) (i) Explain if. . .else statement.
(ii) Explain local and global scope.

M.Q.2

(Or)

(b) Write a program to find the roots of a quadratic equation.

13.(a) Discuss basic string operations.

(Or)

(b) With example explain (i) append() (ii) insert ()
(iii) extend () (iv) sort ()

14.(a) With example explain tuple assignment.

(Or)

(b) (i) With example explain accessing tuples.
(ii) Discuss any two dictionary operations.

15.(a) (i) Explain the process of opening a file in python.

(ii) Explain try . . . except with two exceptions.

(Or)

(b) Explain (i) File object attributes

(i) File renaming

MODEL QUESTION PAPER - II

Time: Three hours

Maximum Marks: 100

- [N.B: (1) Answer all questions in PART - A.
(2) Answer division (a) or division (b) of each question in PART - B.
(3) Each question carries 3 marks in PART - A and 14 marks in PART - B]*

PART - A

1. List the available python data types.
2. Write short notes on boolean expression.
3. Give the general form of if . . . elif. . . else statement.
4. Explain function composition with example.
5. Draw the memory representation of a string.
6. What is meant by negative list indexing?
7. Is tuple immutable? explain.
8. Explain updating dictionary.
9. Discuss file re-naming.
10. Give the syntax for creating a new directory.

PART - B

11. (a) Explain (i) interpreter and interactive mode.
(ii) Bitwise operators
(Or)
(b) Explain the different python statements.
12. (a) Explain break, continue and pass.
(Or)

M.Q.4

- (b) (i) Explain recursion.
- (ii) Discuss anonymous function.

13. (a) Explain formatting operator and function.
(Or)

- (b) (i) Briefly explain escape sequence.
- (ii) With example explain any two list operators.

14. (a) (i) Explain variable length arguments.- (ii) Explain dictionary creation.

(Or)

(b) Write a program to sort the given dictionary d = {9:90, 4:375, 8.75, 2.43, 10:100, 1:20} in ascending and descending order according to its key value.

15. (a) With example explain user - defined exception.
(Or)

- (b) (i) Explain (a) mkdir() (b) getcwd ()
- (ii) Explain try . . . except . . . finally.