

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI
END-OF-SEMESTER EXAMINATIONS : MAY 2025
B.Sc.Computer Science(Aided & Sf) **MAXIMUM MARKS: 75**
SEMESTER-IV **TIME : 3 HOURS**

PART - III**23UCS411-PYTHON PROGRAMMING****SECTION – A****(10 X 1 = 10 MARKS)****ANSWER THE FOLLOWING QUESTIONS.****(K1)**

1. Who developed the Python language _____
 a) Niene Stom
 b) Zim den
 c) Guido van Rossum
 d) Wick van Rossum
2. Multiple expression for true can be checked with the help of _____.
 a) if
 b) if-else
 c) if-else-if
 d) if elif else
3. _____ is the use of the return statement.
 a) null value
 b) initiate a function
 c) exit a function
 d) None of them
4. _____ keyword is used to generate an exception.
 a) throw
 b) raise
 c) try
 d) generate
5. _____ represents an entity in the real world with its identity and behaviour.
 a) A method
 b) An object
 c) A class
 d) An operator

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES **(K2)**

6. Define Variable.
7. What is a Dictionary?
8. What is Lambda?

(CONT...2)

9. Define Exception Model.
 10. Interpret the Quantifiers.

SECTION – B **(5 X 5 = 25 MARKS)**

ANSWER THE FOLLOWING QUESTIONS. (K3)

11. a) Interpret the Command line in Python.
(OR)
 b) Describe the Python Reserved Words.

12. a) Examine the While Statement.
(OR)
 b) Summarize the Lists, Tuples and Sets with example .

13. a) Discover the Mapping functions in a Dictionary.
(OR)
 b) Explain the Built-in Functions.

14. a) Describe the Runtime Errors.
(OR)
 b) Summarize IO Exception handling.

15. a) Describe the Polymorphism with example.
(OR)
 b) Determine the Matches and its Works.

SECTION – C **(5 X 8 = 40 MARKS)**

ANSWER THE FOLLOWING QUESTIONS. (K4 (Or) K5)

16. a) Interpret the Data types in Python.
(OR)
 b) Discuss the various types of operators in Python.

17. a) Summarize the Flow control with example.
(OR)
 b) Discuss the Break and Continue Statements.

18. a) Examine the creating, calling and passing to Functions.
(OR)
 b) Interpret the Modules and Files.

19. a) Criticize the Multiple Exceptions handling with example
(OR)
 b) Discuss the File Handling in Python.

20. a) Elaborate the Principles of Object Orientation.
(OR)
 b) Summarize the Inheritance with example.