(FOR THE CANDIDATES ADMITTED

 DURING THE ACADEMIC YEAR 2020 ONLY)

REG.NO. :

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI
END-OF-SEMESTER EXAMINATIONS : MAY - 2023
COURSE NAME: B.C.A   **MAXIMUM MARKS: 70**
SEMESTER: VI   **TIME : 3 HOURS**

PART - III

PYTHON PROGRAMMING

SECTION - A   **(10 X 1 = 10 MARKS)**

ANSWER THE FOLLOWING QUESTIONS.
MULTIPLE CHOICE QUESTIONS.   (K1)

1. In Python, comments begin with_____.
    a) #   b)*   c) &   d)$

2. A set is a _____collection of zero or more object references.
    a) Ordered   b) Unordered   c) Numeric   d) All The Above

3. We can use _____ to pass a dictionary to the print_setup() function.
    a)%%%   b)**   c)***   d) @@@

4. Temporary files and directories should be created using the _____module.
    a) Tempfile   b) Rmtree   c)Move   d)Shutil

5. The best way to get grouping characters in the file sizes is to import_____module.

    a) Locale   b) Union   c) Intersection   d) None

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

6. What are the three kinds of floating point's value in pythons?

7.   Define tuples.

8.   What is meant by factory functions?

9.   Expand DOM.

10. Name the two oops feature that python won't support.

SECTION – B   **(5 X 4 = 20 MARKS)**

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.K3

11. a) What is meant by object reference and how it is implemented in python?
                                (OR)
    b) Name any five python keywords with syntax.

12. a)   Write any five set methods and operators.
                                (OR)
    b)   Explain tuples with example.

13.a)   Define function and how can we pass parameters to a function?

(OR)

   b)   Explain the LAMBDA Function.

14.a)   Design a python program for handling IO Exception.

(OR)

   b)   Write any five file objects attributes and methods.

15. a)   Write in brief about quantifiers

(OR)

   b)   Write short notes on character classes

SECTION - C   (4 X 10 = 40 MARKS)

**ANSWER ANY FOUR OUT OF SIX QUESTIONS
(16ᵗʰ QUESTION IS COMPULSORY AND ANSWER ANY THREE QUESTIONS
(FROM Qn. No : 17 to 21)   (K4 (Or) K5)**

16.   What are the main purposes of regular expression in python programming?   **(K5)**
      Explain with example.

17.   Write briefly about python I/O statements with syntax and example.   **(K4)**

18.   Explain in detail the various operators in python.   **(K4)**

19.   Elaborate the standard modules in python with examples.   **(K4)**

20.   What is the role of pipes and data streams in python? Explain.   **(K5)**

21.   Explain the oops concepts in python.   **(K4)**

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ETHICAL PAPER