PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

MSc DEGREE EXAMINATION DECEMBER 2023
(Third Semester)

Branch – **APPLIED ELECTRONICS**

ADVANCED PROGRAMMING LANGUAGES

Time: Three Hours   Maximum: 50 Marks

SECTION-A (5 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** marks   (5 x 1 = 5)

1 Which of the following extension is used to save an HTML file?
    (i) .hl   (ii) .h   (iii) .htl   (iv) .html

2 A database is _____ with Data Manipulation Language.
    (i) Accessed and Multiplied   (ii) Added and Manipulated
    (iii) Access and Manipulated   (iv) Added and Multiplied

3 What does pip stand for python?
    (i) Pip Installs Python   (ii) Pip Installs Packages
    (iii) Preferred Installer Program   (iv) All of the mentioned

4 Program code making use of a given module is called a _____ of the module.
    (i) Client   (ii) Docstring
    (iii) Interface   (iv) Modularity

5 Machine learning is an application of _____.
    (i) Block Chain   (ii)Artificial Intelligence
    (iii)Both (i) & (ii)   (iv) None of The Above

SECTION - B (15 Marks)
Answer **ALL** Questions
ALL Questions Carry **EQUAL** Marks   (5 x 3 = 15)

6 a Determine the Introduction to CCS.
           OR
   b Explain the Error Handling.

7 a Write short notes on Normalization.
           OR
   b Illustrate the Inserting data into a Table.

8 a Discuss about Python of Input and Output.
           OR
   b Explain the writing Simple Program in Python.

9 a What is meant by String ?
           OR
   b Explain the File Handling.

10 a Describe the Data Analysis Capabilities.
           OR
   b Discuss about mathematical functions and Statistical operations.

Cont...

SECTION -C (30 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** Marks   (5 x 6 = 30)

11 a Describe about the Image Tables and Forms with examples.

OR

   b Analyzing the Control Statements and Arrays with examples.

12 a Explain the Create a Database,Use Database and Drop Database.

OR

   b Discuss about SELECT,INSERT,UPDATE and DELETE.

13 a Determine the Python Features and IDLE.

OR

   b Justify writing simple programs in Python.

14 a Explain the OOP concepts of Class and Object.

OR

   b Analyzing of Excel & SQL database.

15 a Design Numerical computing with NumPy.

OR

   b Describe the Data Visualization with Matplotlib.

Z-Z-Z   END