



Date: . 2025

ADITYA DEGREE COLLEGES

◆ ANDHRA PRADESH ◆

I MID - III SEMESTER EXAMINATIONS

BCA - PYTHON PROGRAMMING

Max. Marks : 60 M

Time : 2 Hours

SECTION - A

Answer ALL the Questions:

4X10= 40M

1. a) Explain different types of operators in Python?
OR
b) Explain about data types in Python?
2. a) Explain about iterative statements in Python.
OR
b) Explain string handling functions with examples?
3. a) Explain the five types of inheritance in Python?
OR
b) Write python code using **math** and **datetime** modules?
4. a) Explain about exception handling in Python?
OR
b) Write step by step procedure for creating a package and |
accessing a module from the package?

SECTION - B

Answer any FOUR Questions:

4X5= 20M

5. Explain type conversion in Python ?
6. Write advanced features of Python ?
7. Write purpose of the four jump statements in Python
8. Write syntax and working of selection statements in Python?
9. What is recursion? Find N factorial using recursion?
10. Write syntax of lambda function and explain with an example?
11. Write various features of oops (object oriented programming system)?
12. Write Python code to illustrates polymorphism with built-in functions?

ASCS,KKD