1 Mark MCQ

1. Which one of the following is not commonly accepted case type in python?

   a. Camel   b. Newton   c. Snake   d. Pascal

Answer:- **b. Newton**

2. x = 56.8
   y = int(x)
   print(y)
   What is the expected output?

   a. 56.8   b. 57   c. 56   d. None of these

Answer:- **c. 56**

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5 Mark or 7 Mark

1. Python is widely used in modern application development. Discuss at least five advantages for Python to be used for data science.

   Answer:- a. Dynamically typed

   b. Readability

   c. Time required to run a code is less

   d. opensource and community development

   e. syntax used is simple to understand

   f. combines well with majority of the cloud platform service providers

   g. Libraries designed for specific data science tasks

2. What is the Object Data type of the following code.

   Employee_name = "Ram"

   Age = 55

   Height = 150.6

   Also write a one line code to find the object data type of all the variables. Also verify the type expected and printed in console is the same for the variable "Height".

   Answer:-

   - Object data type of:
     a. Employee_name → str → String
     b. Age → int → integer

    c. Height→ float → floating
- One line code :
  print(type(Employee_name), type(Age), type(Height))
- Verification:
  type(Height) is int → Expected answer is False
  type(Height) is str → Expected answer is False
  type(Height) is float → Expected answer is True