



GL BAJAJ

Institute of Management & Research

Approved by A.I.C.T.E., Ministry of HRD, Govt. of India

Roll No.....

Plot No. 2, Knowledge Park-III, Greater Noida (U.P.)–201306

POST GRADUATE DIPLOMA IN MANAGEMENT (2019 -21)

MID TERM EXAMINATIONS (TERM -VI)

Academic Session- 2020-21

Subject Name : **Data Visualization for Decision Making**

Time: 01.30 hrs

Sub. Code: **(Code: PGIT08)**

Max Marks: 20

Note:

1. Writing anything except Roll Number on question paper will be deemed as an act of indulging in unfair means and action shall be taken as per rules.

2. All questions are compulsory in Section A, B & C. Section A carries 1 Case Study of 8 marks. Section B carries 3 questions of 2 marks each and Section C carries 2 questions of 3 marks each.

SECTION – A

04+04 = 08 Marks

Q. 1: Case Study:

(A) Identify the output of the given Python Code.

```
dataset1 = [1, 5, 2, 1, 4, 3, 1, 0, 4, 3]
```

```
for num1 in dataset1:
```

```
    pass
```

```
    if (num1 == 0):
```

```
        current = num1
```

```
        break
```

```
    elif (num1 % 2 == 0):
```

```
        continue
```

```
    print(num1)
```

```
print(current)
```

(CO4)

(B) Discuss the important string functions in Python with suitable example.

(CO3)

SECTION – B

02×03 = 06 Marks

Q. 2: What are the built-in type does python provides?

(CO2)

Q. 3: What is negative index in Python?

(CO2)

Q. 4: What are lists and tuples? What is the key difference between the two?

(CO2)

SECTION – C

03×02 = 06 Marks

Q.5. Discuss the importance of Data Visualisation for decision making in business. Mention the important charts/ graphs being used for data visualization. (CO1)

Q. 6. Discuss the utility of the Pie Chart and Line Chart. In what situations these charts are important. Give examples. (CO1)

Mapping of Questions with Course Learning Outcome



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COs	Question Number(s)	Total Marks Allocated to the CO
CO1	5,6	06
CO2	2,3,4	06
CO3	1(B)	04
CO4	1(A)	04
CO5		