

2/12/23



**DOON UNIVERSITY, DEHRADUN**

**End Semester Examination, 3rd Semester, 2023**

**Academic Year 2023-24 (Odd Semester)**

**School of Management**

**Programme Name : BBA**

**Course Code with Title : Business Mathematics ( DSE1)**

*Time Allowed 2.00 Hours*

*Maximum Marks: 50*

**SECTION: A**

(Total 10 marks )

1. A person purchased articles @ 6 for Rs 5 and sold @ 5 for Rs 6. Find Gain or Loss % ? (4 marks)
2. How to perform a Break even Analysis? (4 marks)
3. The LCM of two numbers is 2310 and their HCF is 30. If one of the numbers is  $7 \times 30$ , Find the other number ? (2 marks)

**SECTION: B**

(Total 20 marks)

1. Find the median for the following data : 64, 64, 60, 65, 63, 64, 66 ? (5 marks)
2. In a hotel 60% had vegetarian lunch while 30 % had non vegetarian lunch and 15 % had both type of lunch. If 96 people were present. How many did not eat any type of lunch ? (5 marks)
3. What are the key principles and strategies for inventory management and control ? (5 marks)
4. Explain how Statistics can be used effectively in Decision making ? ( 5 marks)

**SECTION: C**

(Total 20 marks )



