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

POST GRADUATE DIPLOMA IN MANAGEMENT (2019-2021)
MID TERM EXAMINATIONS (TERM - I)

Subject Name: Quantitative Techniques for Managers	Time: 01.30 hrs
Sub. Code: PG04	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: The market price of the share (face value of 10) of Apollo Food Products Ltd. during the first two weeks of 2016 are given below:

Week 1	35.5	34	33	32.5	35	38
Week 2	42	43	38	36	37	35

(i) Calculate the average market price during the first and second weeks and compare.

(ii) Calculate the average market price during the two weeks period and discuss.

SECTION - B   02×03 = 06 Marks

Q. 2: Agricultural scientist mostly rely on data and statistical tools. Explain.

Q. 3: Differentiate between dependent and independent variables.

Q. 4: Company is planning to manufacture ready-made shirts. Which of the measures of Central Tendency the company should take in consideration and why?

SECTION - C   03×02 = 06 Marks

Q. 5: For the frequency distribution given data, give the value of cumulative frequency and relative frequencies.

Class Interval	0-10	10-20	20-30	30-40	40-50	50-60
Frequency	8	10	18	14	9	6

Q. 6: Under which of the circumstances we prefer to take the median under considerations. Calculate the median from the following data.

Class Interval	0-10	10-20	20-30	30-40	40-50	50-60	60-70
Frequency	4	7	11	16	9	6	3