Paper B

National University of Computer & Emerging Sciences, Karachi MID -Programming Fundamentals (Lab) CS-Department

MID -Prog	ramming Fundamentals (Care)	
Course Code:	Course Name:	
Language Name: Agsa Zal	NId 4144 Section No: 115	
Instructions:		

- Read each question completely before answering it. In case of any ambiguity, you may make assumption. But your assumption should not contradict any statement in the question paper.
- All the answers must be solved according to the sequence given in the question paper.

Time: CQ0 minutes.
EACH QUESTION CARRY 10 POINTS

Max Marks 30 points

Brand ABC is having a five-day sale. Each day, starting on Monday, the price will drop 10% of Question 01: the previous day's price. For example, if the original price of a product is 2000, the sale price on Monday would be 1800. On Tuesday the sale price would be 1620 and so on till the last day write a program that will calculate and print the price of an item for each of the five days, given the original price.

Question 02:

Write a program that will perform multiplication of two given numbers using the following method:

- Input two numbers such as n1 and n2
- Divide the smallest number by 2 till the quotient is 1
- Declare a variable total. Add to a total only those multiples of the larger number which correspond to an odd quotient of the smaller number.

FOR EXAMPLE: SAMPLE OUTPUT:

Multiply: 42 * 35 35 | 42 84 17 8 168 336 4 672 Then the total is 42+84+1344 = 14701344

