Q1. Say True or False for the below statements:  
Q1. a > Prescriptive Analytics used to predict the future outcomes?

Ans: Q1. a  
False: Predictive analysis is used to predict future outcomes.

Q1. b > Base R packages installed automatically?

Ans: Q1.b  
False: R packages are not installed automatically. you have to install required packages and relevant packages are installed automatically.

Q2. What is Recycling of elements in a vector?

Ans: if your two Vectors are not of equal in length, then shorter vector will be recycled in order to match with the longer Vector.

Q3. Give an example of recycling of elements.

Ans: i.e

a = c(20 , 30, 40, 50)  
  
b = c(1, 2, 3, 4, 5, 6, 7, 8)

a + b  
[1] 21 32 43 54 25 36 47 58

Virtually the short vector a[4] a is recycling its values as to match with b[8]

"a [20 , 30, 40, 50, 20 , 30, 40, 50]"

Virtually