**Programming with R**

**Continuous Assessment – Activity 1**

**Batch:** MBA(BA) 2019-21

**Date:** 12-02-2020

**Max Marks:** 10

**Duration:** 30 Mins

**Topic:** Overview & Essentials of R Programming

**Instructions:**

1. Do not write anything on this paper; submit it back to the invigilator
2. You have to submit the R script (.R) file for the activity
3. Inference/Steps for each task should be written in **blue book**

**Answer ALL of the following questions**

1. Create a folder on the desktop and name it as *yourrollnumber\_R*. **(2)**
2. Set this created folder as your working directory
3. Create an .R script file using the shortcut key and save it as *yourfullname\_activity1*
4. Which function will show you a list of pre-loaded datasets?
5. How will you run the above line of code and also retain the cursor in the same line?
6. Using the built-in functions in R, perform the below tasks – **(2)**
7. Find the absolute value of – 16 (minus 16) and then take its root
8. Given a value 5.565, which function will you use to convert it to (a) 5 (b) 6
9. From the sentence “I love R”, how will you **(2)**
10. extract the word love
11. replace it with the word hate
12. Create a vector of numbers ranging from 11 to 20, incremented by 0.5. **(2)**
13. Assign it to a variable *myseq*
14. How will you find the number of values in *myseq*?
15. Handling dates – **(2)**
16. Assign “2020-02-12” to the variable *today\_date* as a date
17. How will you check the data type of the created variable?
18. How will you print the value contained in the created variable?
19. What is the date seven days from the date contained in *today\_date*?