**RATHNAVEL SUBRAMANIAM COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) SULUR, COIMBATORE.**

**ASSIGNMENT QUESTIONS**

**UNIT V**

1. Construct regular expressions to match words that:

a. Start and end with the same character.

b. Contain a repeated pair of letters (e.g., “church” contains “ch” repeated twice).

c. Contain one letter repeated in at least three places (e.g., “eleven” contains three “e”s).

2. How would you match the sequence "'\?

3. Use the appropriate lubridate function to parse each of the following dates:

d1 <- "January 1, 2010"

d2 <- "2015-Mar-07"

d3 <- "06-Jun-2017"

d4 <- c("August 19 (2015)", "July 1 (2015)")

d5 <- "12/30/14" # Dec 30, 2014

4. What happens if you parse a string that contains invalid dates?

ymd(c("2010-10-10", "bananas"))