



**NATIONAL UNIVERSITY OF COMPUTER & EMERGING SCIENCES**  
**FAST - PESHAWAR CAMPUS**

**Subject: Software Construction and Development Lab (CL-3001)**

**Instructor: Muhammad Saood Sarwar**

**Assignment 1**

**Section: B**

**Name:** \_\_\_\_\_

**Roll No:** \_\_\_\_\_

**Name:** \_\_\_\_\_

**Roll No:** \_\_\_\_\_

**Name:** \_\_\_\_\_

**Roll No:** \_\_\_\_\_

**1. Below is the test string and patterns are given, show the output of each pattern: (2x5=10)**

**test\_string = ("Every engineer enjoys experimenting with exciting new technology,**

**It can enhance efficiency and elevate experiences for everyone.")**

**a. pattern1 = '[ ]e[^ ]\*'**

**b. pattern2 = '[A-Z][a-z]\*'**

c. `pattern3 = '[A-Za-z]*[aeiou]{2}[A-Za-z]*'`

d. `pattern4 = '[A-Za-z]*y[ .]'`

e. `pattern5 = r'\b\w{5}\b'`