



EASTERN UNIVERSITY, SRI LANKA
EXTERNAL DEGREE EXAMINATION IN SCIENCE
FIRST YEAR, FIRST SEMESTER (April, 2017)
EXTCS 152- PRACTICAL WORK ON EXTCS 103
REPEAT

Answer all questions

Time allowed: 2 Hour

1. Write a C++ program to print the following pattern using for loops:

```
* * * * *
 * * * * *
  * * * * *
   * * * * *
```

2. Write a C++ program to generate the results as shown below:

```
=====Quizzes=====
Enter the score of the first quiz      : 90
Enter the score of the second quiz     : 75
Enter the score of the third quiz      : 91
=====Mid-term=====
Enter the score of the mid-term        : 80
=====Final=====
Enter the score of the final           : 89
```

```
Quiz Total   : 256
Quiz Average : 85.33
Mid-term    : 80
Final       : 89
```

```
.....
Total       : 254.33
Average    : 84
Result     : A
```