**Unit 12.3 : Program Maintenance and Testing**

Homework: Week 4 (6 Feb 2023 to12 Feb 2023)

1) Describe the 3 types of errors that may occur during program testing

[5 Marks].

1.Syntax errors :are errors in the grammar of a source program

2.Logic errors : are errors in the logic of a program

3.Run-time errors:happen when the program is executed

1. Describe 3 types of test data that can be used during program testing.

1.Normal test :data that is to be accepted by a program and is used to show that the program is working as expected

2.Abnormal test:data that should be rejected by a program as it is unsuitable or could cause problems.

3.Extreme test:data that is on the limit of that accepted by a program.