**OOPS ASSIGNMENT-2**

**Answers 1.1:**

**Class 1-**Professor

**Objects:**professor1,professor 2

**Attribute**:- String name,int id,int experience,String qualification.

**Class 2-**Course

**Objects:**discrete mathematics,Islamic history

**Attribute:-** int courseCode,String courseName,int duration,String location.

**Class 3-**Student

**Objects:**student 1,student 2

**Attribute**:- String stuName,int stuId,int marks,String grade.

**Class 4-**Test

**Objects:**mid\_level\_test,semester\_test etc.

**Attribute**:- String testId.

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**Answers 1.2:**

**Class 1:-**Date **Objects:-**date 1,date 2

**Answers 1.2.1:**

Store the date as date\_specific object of Date Type.

**Answers 1.2.2:**

displayDate(String format) is a method which takes a parameter format which can be American or British.

**Answers 1.2.3:**

getDay(object date),getMonth(object date).getYear(object date) all are themethod which takes a parameter date object which is a specific date.

**Answers 1.2.4:**

addDay(object date,int day),addMonth(object date,int month),deductDay(onject date,int day),deductMonth(object date,int month) all are the methods of date class by which we can manipulate the Date class object.

**Answers 1.2.5:**

Int compareDate(object date1,object date2) is a method which can compare two dates and return a value which can be positive in case of date1>date2,negative in case of date 1<date 2 and 0 in case of date1=date 2.