Ahsanullah University of Science and Technology
Course Title: Object Oriented Programming Lab
Course Number: CSE1206

Time: 45 Minutes

Marks

Create a **Phone Call** interface, in which you can **call** using a method. When calling, the method takes a **String** parameter **phoneNumber** (when method will be called send any 11 digit number) Create a **Video Call** interface which offers the functionalities of **PhoneCall**. This interface also has a method open Camera which takes one **String** parameter: **camera.** (when method will be called you can use these strings "front camera" or "back camera")	4
A **Mobile Phone** abstract class can be used to **send SMS** and **save Contacts** on the phone as well as also offers all the functionalities of **Phone Call.** For **Sending SMS** you have to use a method which takes two **String** parameters **R** and **msg**. This method should print a message : **" Sending R message : msg "**. R and msg should print the parameter values. For **saving contacts**, it takes two **String** parameters **name** and **phoneNumber** and prints a message: **"Saving name, Number: phoneNumber"**, where name and phoneNumber should print the value from parameter.	6
Create **a Samsung** class that has all the functionalities of a **Mobile Phone** only. Override only the unimplemented methods. **Messenger** is an app which has all the features of **VideoCall**. And also has an extra method for adding filters like: tokyo, paris, glasses etc. While adding filters it takes **String F as parameter** and prints **"Selecting filter: F"**, where F should print the string value from parameter.	7
Show a demo in the main function by instantiating an object of **Samsung** & **Messenger** individually and calling all their methods.	3

`   **Total 20**