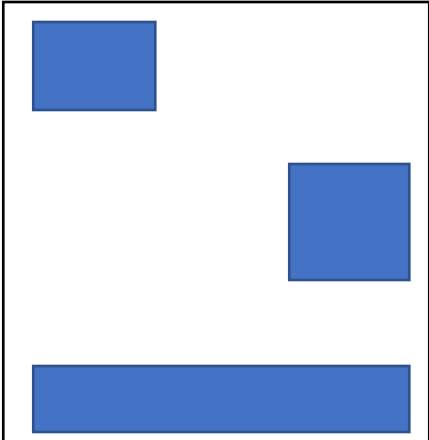


SUMMER 2020 EXAMINATION
Practice Prelim Test (70 Marks)

Q. No	Sub Q.N.	Questions	Marking Scheme
1.		Attempt any five.	10
	(a)	List Features of Android Operating system.	2M
	(b)	Define Emulators.	2M
	(c)	Write the directory path where audio file are stored while developing android application	2M
	(d)	List all the attributes of Toggle Button	2M
	(e)	Write syntax for Intent-filter Tag	2M
	(f)	Enlist features of service.	2M
	(g)	Enlist the steps to get the Map API key	2M
2.		Attempt any THREE of the following.	12
	(a)	Describe android Architecture in detail.	4M
	(b)	Explain Dalvik Virtual Machine in detail with diagram	4M
	(c)	Explain Activity Life Cycle.	4M
	(d)	Discuss the need of permissions in android. Describe the permissions to set the system functionalities like Bluetooth, Camera.	4M
3.		Attempt any THREE of the following:	12
	(a)	Explain the term ADT with different tools	4M
	(b)	Develop an Android Application using Progress Bar	4M
	(c)	Explain the Service Life cycle in details	4M
	(d)	Discuss Developer Console with its purpose.	4M

4.	(a)	<p>Attempt any THREE of the following: Develop following application using RelativeLayout</p> 	<p>12 4M</p>
	(b)	Write a Program for Time Picker.	4M
	(c)	List sensors in Android and Explain any one in detail.	4M
	(d)	Explain animation in Android with help of example.	4M
	(e)	Develop an application to send and receive SMS(Only Java and Manifest file)	4M
5.	(a)	<p>Attempt any TWO of the following: Develop a registration form using GUI component.</p>	<p>12 6M</p>
	(b)	Write a Program to illustrate the SQLite database operations.	6M
	(c)	Develop a program to send and email.	6M
6.	(a)	<p>Attempt any TWO of the following: Write a program for Bluetooth connectivity, It should have buttons for Turn On, Turn Off, List Paired Devices etc. and that all buttons will perform the respective task.(only java and manifest file)</p>	<p>12 6M</p>
	(b)	Write a program to locate user's current location (only java and manifest file)	6M
	(c)	Develop a simple calculator using TableLayout.	6M

