

**Priyadarshini College of Engineering, Nagpur**  
**Sessional Examination (2022-23) Even Semester**  
**B.Tech. Sixth Semester (Computer Technology) (C.B.C.S)**

**Subject : Mobile Application & Development**

**P. Pages: 2**

**PCE/KS/23/BTCT604T-2**

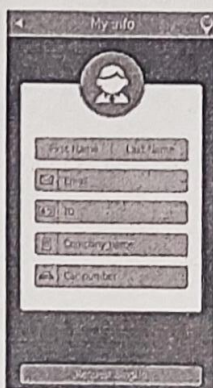
**Time: Three Hours**

**Max. Marks: 70**

- Notes:**
1. All questions carry marks as indicated.
  2. Solve Question 1 or Question 2.
  3. Solve Question 3 or Question 4.
  4. Solve Question 5 or Question 6.
  5. Solve Question 7 or Question 8.
  6. Solve Question 9 or Question 10.
  7. Due credit will be given to neatness and adequate dimensions.
  8. Assume suitable data wherever necessary.
  9. Illustrate your answers whenever necessary with the help of neat sketches.

Q. No.	Question	CO	BT	Marks
1.	a) What is android? Explain the features of Android & its Application	CO1	2	7M
	b) Explain Anatomy of Android Application	CO1	2	7M
<b>OR</b>				
2.	a) Explain the procedure steps of Installing Android SDK Tools	CO1	2	7M
	b) Explain SDK & its Benefits	CO1	2	7M
3.	a) Write a Short Note On : 1. User Interface 2. Activities	CO2	1	7M
	b) Define Intent. Explain type of Intent.	CO2	2	7M
<b>OR</b>				
4.	a) Explain Architecture of Android	CO2	2	7M
	b) What is an Activity ? Explain Activity LifeCycle.	CO2	2	7M
5.	a) Explain Layout & its types.	CO3	2	7M
	b) Discuss User Interface Screen Elements with XML & JAVA Code.	CO3	2	7M
<b>OR</b>				
6.	a) Describe Animation with their types	CO3	2	7M
	b) Explain 1. View 2. ViewGroup 3. Toast Notification 4. Services	CO3	2	7M

Q. No.	Question	CO	BT	Marks
7.	a) Write a short note on 1. Content Provider 2. Android Manifest File	CO4	1	7M
	b) What is Drawable ? Explain type of drawable	CO4	2	7M
OR				
8.	a) Explain working with different types of resources	CO4	2	7M
	b) Write a Short Note On : Sqlite with queries on CRUD in detail	CO4	1	7M
9.	a) Observe the following GUI and write an XML file using relative layout to create the same.	CO5	2	7M



- b) Explain
1. Basic type of Android Testing.
  2. Tools of Android Testing
- OR
10. a) Discuss Android APIs. Explain Any 3 API's
- b) Explain the procedure steps of Publishing Android App

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