

**PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)**

**BSc DEGREE EXAMINATION DECEMBER 2025
(Fifth Semester)**

Branch – **COMPUTER SCIENCE**

MOBILE APPLICATION DEVELOPMENT

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** marks

(10 × 1 = 10)

Module No.	Question No.	Question	K Level	CO
1	1	An inbuilt database engine used in Android is _____ a. MySQL b. SQLite c. Oracle d. SQL Server	K1	CO1
	2	A common language used for developing native Android applications is _____. a. JavaScript b. Python c. Kotlin d. PHP	K2	CO1
2	3	A component used to link and transition between activities in Android a. Service b. Content Provider c. Broadcast Receiver d. Intent	K1	CO2
	4	Find the method which is typically overridden in an Activity to inflate the menu resource for the ActionBar. a. onCreate() b. onStart() c. onCreateOptionsMenu() d. onOptionsItemSelected()	K2	CO2
3	5	Which of the following is NOT a common basic View in Android? a. TextView b. Button c. RecyclerView d. EditText	K1	CO3
	6	Identify the default storage location for private application data in Android? a. External storage b. Public storage c. Internal storage d. Cloud storage	K2	CO3
4	7	Which Android component is primarily used for sharing data between different applications? a. Activity b. Service c. Content Provider d. Broadcast Receiver	K1	CO4
	8	Select the class which is primarily used to send SMS messages programmatically in Android. a. SmsSender b. SmsManager c. SendSms d. SmsReceiver	K2	CO4
5	9	Which IDE is primarily used for Android app development? a. Visual Studio Code b. Eclipse c. Android Studio d. Xcode	K1	CO5
	10	Which component is primarily used to define the navigation flow within an Android app using the Navigation Component? a. Activity b. Fragment c. NavHost d. Intent	K2	CO5

Cont...

SECTION - B (35 Marks)Answer **ALL** questions**ALL** questions carry **EQUAL** Marks (5 × 7 = 35)

Module No.	Question No.	Question	K Level	CO
1	11.a.	Discuss the major Android application Components.	K2	CO1
	(OR)			
	11.b.	Write about the front end and back end of the mobile application development.		
2	12.a.	Explain the life cycle of an Activity.	K3	CO2
	(OR)			
	12.b.	Discuss on display orientation.		
3	13.a.	Explain the steps to create dialog fragment.	K3	CO3
	(OR)			
	13.b.	How can you save files to internal storage in an android application?		
4	14.a.	Identify and narrate the steps to create your own content provider.	K4	CO4
	(OR)			
	14.b.	How can you get the location detail in your Android Application?		
5	15.a.	Expand on the types of widgets to build the UI in flutter?	K4	CO5
	(OR)			
	15.b.	Summarize the layout structure of journal page in flutter.		

SECTION -C (30 Marks)Answer **ANY THREE** questions**ALL** questions carry **EQUAL** Marks (3 × 10 = 30)

Module No.	Question No.	Question	K Level	CO
1	16	Explain the Android Architecture in detail.	K4	CO1
2	17	Discuss the components of a screen and their purposes.	K4	CO2
3	18	How can you display pictures in your application? Explain it in detail.	K4	CO3
4	19	Describe the steps to Display Maps in the Android Application in detail.	K4	CO4
5	20	Analyze the applications of widget tree and the Element tree in detail.	K4	CO5

Z-Z-Z END