

SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2026

(Regular/Improvement/Supplementary)

COMPUTER SCIENCE

GBCS6B11T: ANDROID PROGRAMMING

Time: 2 Hours

Maximum Marks: 60

SECTION A: Answer the following questions. Each carries *two* marks.

(Ceiling 20 marks)

1. Write a note on layout resource.
2. What is contained within the Layout xml file?
3. How many dialog boxes do support in android? Name them.
4. What is Gallery control in Android?
5. Comment on broadcast receiver.
6. What are the plurals?
7. Distinguish between table layout and grid layout.
8. How is resource ID defined?
9. Explain android text controls.
10. Differentiate between view and ViewGroups in android.
11. Mention the purpose of <item> tag in android.
12. What do you mean by intent resolution?

SECTION B: Answer the following questions. Each carries *five* marks.

(Ceiling 30 marks)

13. Explain the structure of android content URI.
14. Discuss the key components in android architecture.
15. Describe the step for setting up the android development environment.
16. With an example explain implicit intent.
17. Explain how cursor adapter is different from array adapter.
18. How spinner control works?
19. Explain native preference controls.

SECTION C: Answer any *one* question. The question carries *ten* marks.

20. Explain the features of SQL lite.
21. With a neat diagram, explain the structure of fragment life cycle.

(1 × 10 = 10 Marks)