

B.C.A. Sem.-5 Examination

SEC-301

Mobile Application Development

November-2025

Time : 2-30 Hours]

[Max. Marks : 70

Q-1. Answer the following.

- (A) Explain Activity life cycle with neat diagram. 7
- (B) Explain Android Platform Architecture with neat diagram. 7
- OR
- (A) Write a short note on AVD. 7
- (B) Explain intent in detail. 7

Q-2. Answer the following.

- (A) Explain AndroidManifest.xml file? 7
- (B) Explain color resource in detail. 7
- OR
- (A) Write a short on permissions in android. 7
- (B) Explain string resource in detail. 7

Q-3. Answer the following.

- (A) Explain LinearLayout in detail. 7
- (B) Explain TextView control in detail. 7
- OR
- (A) Explain TableLayout in detail. 7
- (B) Explain Button control in detail. 7

Q-4. Answer the following.

- (A) Explain Fragment Life Cycle. 7
- (B) List different types of Adapters. Explain ArrayAdapter in detail. 7
- OR
- (A) Explain ListView with an example. 7
- (B) List all types of Dialogs and Explain any one in detail. 7

Q-5. Do as directed. (Any Seven)

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1. SDK stands for _____.
 - a) System Development Kit
 - b) System Design Kit
 - c) Software Development Kit
 - d) none
2. _____ is a view similar to dropdown list.
 - a) list
 - b) spinner
 - c) ratingbar
 - d) none

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3. We cannot use multiple fragments in single activity. (True / False).
4. _____ is default value of orientation attribute in LinearLayout.
 - a) Horizontal
 - b) Vertical
 - c) No default value
 - d) None
5. _____ development tool is used for android operating system.
 - a) Android text
 - b) Visual Studio
 - c) Sublime Text
 - d) Android Studio
6. Intent is used to pass information from one activity to another activity. (True / False)
7. _____ is a screen that users interact with. (Activity / Service)
8. CursorAdapter is used when the resource of Spinner is coming from database. (True / False)
9. _____ is the correct permission to use the camera.
 - a) android.permission.CAMERA
 - b) android.permission.USE_CAMERA
 - c) android.permission.hardware.CAMERA
 - d) None of these
10. Services doesn't have any UI components. (True / False)
11. Permissions are set in _____ file. (androidmanifest.xml / permission.xml)
12. _____ programming languages are used for android programming.
 - a) Java
 - b) Kotlin
 - c) Python
 - d) Both (a) and (b)

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