

2. _____ is an invaluable tool that shows you contextual options for completing the piece of code that you are trying to write
- (a) Activity (b) Code completion
- (c) Intent (d) Fragments
3. When a user kills an activity by tapping the back button, _____ method is called
- (a) onCreate() (b) onPause()
- (c) onDestroy() (d) onCreate()
4. What is used to navigate between activities?
- (a) intents (b) fragments
- (c) class (d) all the above
5. A _____ is used to group and arrange views visually on the screen.
- (a) View Group (b) Container
- (c) Intent (d) Layout

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 250 words.

11. (a) Discuss the features of Android.

Or

- (b) Explain the Android developer community.

12. (a) How do you create an activity? Explain.

Or

- (b) Discuss on passing data using an Intent Object.

13. (a) What are the Layouts available in Android?
List them.

Or

- (b) How do you persist state information during changes in configuration?

14. (a) Explain Date Picker View.

Or

- (b) Describe the usage of Dialog Fragment.

15. (a) How do you display an Options Menu in Android? Explain.

Or

- (b) Discuss on retrieving and modifying the preferences values.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) Describe the Architecture of Android.

Or

- (b) Give an account on publishing an Android Application.

17. (a) Explain about displaying a Dialog Window.

Or

- (b) With an example, explain the life cycle of a fragment.

18. (a) Discuss on managing changes to screen orientation with example.

Or

- (b) How to add action items to the Action Bar? Explain with example.

19. (a) Write note on Progress Bar View.

Or

(b) Discuss about Spinner View.

20. (a) Why do you need Image Switcher? Explain it with example.

Or

(b) How do you save data to external storage? Explain.
