

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION MAY 2024
(Fifth Semester)

Branch – COMPUTER TECHNOLOGY

MOBILE APPLICATION DEVELOPMENT

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(5 x 1 = 5)

- 1 Which of the following is the lowest layer in Android Architecture?
(i) Linux Kernel (ii) Dalvik Virtual Machine
(iii) SQ Lite (iv) Application Framework
- 2 Which of the following class is used to show a spinning wheel in an Android application?
(i) Alert Dialog (ii) Progress Dialog
(iii) Date Picker Dialog (iv) Time Picker Dialog
- 3 Which of the following XML attributes of the Text View element allows you to set the text?
(i) android:lines (ii) android:text
(iii) android:length (iv) android:appearance
- 4 Which class would you use to allow a web browser to be used in your Android Application?
(i) Web Browser (ii) Web Activity
(iii) Web View (iv) Web Toast
- 5 Which member of the Intent class is used to send an email?
(i) ACTION_SEND (ii) EXTRA_TEXT
(iii) EXTRA_OBJECT (iv) EMAIL_OBJECT

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks

(5 x 3 = 15)

- 6 a Describe about Interfaces.
OR
b Give an outline of Manifest File in Android.
- 7 a Classify various types of Activities in Android.
OR
b Summarize the concept of Intents in Android.
- 8 a Compare Radio Button view and Checkbox view in Android.
OR
b State the concept of Array Adapter in Android.
- 9 a How will you include Context Menus in your Android Application?
OR
b How will you display Digital Clock in your Android Application?
- 10 a Describe about Android Graphics.
OR
b Give an outline of Shape drawable feature in Android.

Cont...

SECTION -C (30 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

(5 x 6 = 30)

- 11 a Elucidate the Architecture of Android.
OR
b Categorize various Application Components of Android.
- 12 a Highlight various Life Cycle method of Activity in Android.
OR
b Categorize any two dialogs in Android.
- 13 a Differentiate any three types of Layouts in Android.
OR
b Categorize various types of Views in Android.
- 14 a Summarize the steps to embed Web Browser in Android Activity.
OR
b Discuss about Data Storage options in Android.
- 15 a Elucidate the steps to build an Android Application to send an Email.
OR
b Summarize the steps to include Google Maps in Android Application.

Z-Z-Z

END