

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2024
(Fifth Semester)

Branch - COMPUTER SCIENCE WITH DATA ANALYTICS

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 component is responsible for managing the Android system's permissions?
(i) Package Manager (ii) Permission Manager
(iii) Activity Manager (iv) Security Manager
- 2 Which Fragment lifecycle method is called when the Fragment's view is created?
(i) onCreate() (ii) onCreateView()
(iii) onActivityCreated() (iv) onStart()
- 3 Which attribute is used to specify the y-coordinate of a view in Absolute Layout?
(i) android:layout_x (ii) android:layout_y
(iii) android:layout_width (iv) android:layout_height
- 4 Which of the following is Dialog classes in android?
(i) AlertDialog (ii) ProgressDialog
(iii) DatePickerDialog (iv) All of the above
- 5 Which of the following android view sub-classes uses the WebKit rendering engine to display web pages?
(i) PageView (ii) WebView
(iii) MapView (iv) HttpClient

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks

(5 x 3 = 15)

- 6 a Analyze the features of Android.
OR
b Explain hiding the activity title.
- 7 a Describe about adding fragments dynamically.
OR
b How will you using intent filters? Explain.
- 8 a Describe about anchoring views.
OR
b How will you adding action item to the action bar? Explain.
- 9 a Explain about progress bar view.
OR
b Outline the time picker view.

Cont...

- 10 a Describe about image switcher.
OR
b Explain about digital clock views.

SECTION -C (30 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** Marks

(5 x 6 = 30)

- 11 a Discuss the Architecture of Android.
OR
b Elucidate about displaying a Dialog window.
- 12 a Examine passing data using intent object.
OR
b Enumerate about Life cycle of a fragment.
- 13 a Discuss about table layout and frame layout.
OR
b Summarize the controlling the orientation of the activity.
- 14 a Enumerate the image button, toggle button and autocomplete text view.
OR
b Elucidate about list fragment and preference fragment.
- 15 a Discuss briefly about context menu.
OR
b Summarize the grid view and web view.

Z-Z-Z

END