PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION MAY 2025
(Sixth 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   Identify which of the following is a platform based on Android OS
    (i) Windows   (ii) Mac
    (iii) Linux   (iv) ios

2   Name the tools that are present in Android SDK
    (i) Android Emulator   (ii) DDMS
    (iii) APT   (iv) All of the above

3   Specify the correct method for start Activity()
    (i) Activity class   (ii) Manifest file
    (iii) Application Context   (iv) None of the these

4   Which component is not activated by Intent?
    (i) Activity   (ii) Content Provider
    (iii) Content   (iv) Service

5   Indicate which of the following is a SQLite
    (i) File based   (ii) Data based
    (iii) Structure based   (iv) Content based

SECTION - B (15 Marks)
Answer ALL Questions
ALL Questions Carry EQUAL Marks   (5 x 3 = 15)

6   a   Write a note on creating class and objects in Java.
                            OR
    b   How do we download and Install an Android Application?

7   a   With an example, explain about working with activity in Android.
                            OR
    b   Explain Intent Filters.

8   a   Summarize Android Frame Layout.
                            OR
    b   Give a note on following controls.
        i) Edit Text   ii) Button   iii) Text View

9   a   Difference between basic views and image views.

OR

      b   Describe about Internal Storage of Data.

10   a   How do you check availability of networking?

OR

      b   Summarize about Drawable objects in Android.

SECTION -C (30 Marks)
Answer ALL questions
ALL questions carry EQUAL Marks   (5 x 6 = 30)

11   a   Explain with example the Inheritance concepts in Java.

OR

      b   Discussing about Android Applications.

12   a   With a diagram, explain Activity Life cycle.

OR

      b   Outline the concept of Intent and Intent Filters.

13   a   Analyze the different types of views and view groups in Android.

OR

      b   Examine about Relative layout and Table layout.

14   a   How do you embed analog and digital clock view in Android applications? Explain it.

OR

      b   Provide steps to implement Database connection using SQLite in Android application.

15   a   Develop an Android application to send and receive SMS.

OR

      b   Point out the process of working with Google map.

Z-Z-Z   END