

**2111000306020085**  
**EXAMINATION FEBRUARY-MARCH 2024**  
**BACHELOR OF SCIENCE (SIXTH SEMESTER)**  
**COMPUTER SCIENCE-X (PAPER-605-FUNDAMENTAL OF**  
**MOBILE PROGRAMMING) - LEVEL 2**

[Time: As Per Schedule]

[Max. Marks: 50]

**Instructions:**

**1. Fill up strictly the following details on your answer book**

- a. Name of the Examination : **BACHELOR OF SCIENCE (SIXTH SEMESTER)**
  - b. Name of the Subject : **COMPUTER SCIENCE-X (PAPER-605-FUNDAMENTAL OF MOBILE PROGRAMMING) - LEVEL 2**
  - c. Subject Code No : **2111000306020085**
2. Sketch neat and labelled diagram wherever necessary.
  3. Figures to the right indicate full marks of the question.
  4. All questions are compulsory.

Seat No:

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Student's Signature

**Q.1 Answer the following questions in short.**

**14**

- 1) List important folders and files in android project pane.
- 2) What is apk?
- 3) Which method is used to create database?
- 4) List various attribute and method of checkbox.
- 5) What is shared preferences?
- 6) What is use of SQLiteOpenHelper class?
- 7) Define AVD.

**Q.2 Answer the following questions.**

**12**

- A. Explain Android Runtime in detail.
- B. What are various files and folders available in android project? Discuss it.

**OR**

- A. Explain Android life cycle in detail.
- B. Discuss features of android in detail.

**Q.3 Answer the following questions.**

**12**

- A. Discuss Intent in detail.
- B. How to manage different resources in Android?

**OR**

- A. Explain ListView in detail with example.
- B. Write a short note on Relative and Linear Layout.

**Q.4 Write answers for the followings. (Any Two)**

**12**

- A. Explain Spinner and Toggle Button in detail.
- B. Explain types of shared preferences in detail.

**OR**

- A. How to preserve and save data in android? Discuss.
- B. Discuss How to prepare apk.

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