

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Regular End Semester Examination – Summer 2022

Course: B. Tech. Branch : Electronics Engineering Semester : VI

Subject Code & Name: (BTEXOE605D) Android Programming

Max Marks: 60

Date: 26/08/2022

Duration: 3.45 Hr.

Instructions to the Students:

1. All the questions are compulsory.
2. The level of question/expected answer as per OBE or the Course Outcome (CO) on which the question is based is mentioned in () in front of the question.
3. Use of non-programmable scientific calculators is allowed.
4. Assume suitable data wherever necessary and mention it clearly.

(Level/CO) Marks

Q. 1 Solve Any Two of the following.

- | | | |
|--|------------|----------|
| A) Explain different features of Palm OS | CO1 | 6 |
| B) What is android? What are different features of android? | CO1 | 6 |
| C) Explain following sections of Android architecture | CO1 | 6 |
| I. Linux Kernel | | |
| II. Libraries | | |
| III. Application framework | | |

Q.2 Solve the following.

- | | | |
|--|------------|----------|
| A) With neat diagram explain about Android Activity Life Cycle. | CO1 | 6 |
| B) Explain following types of Android Layout. | CO1 | 6 |
| I. Frame layout | | |
| II. Absolute layout | | |
| III. Nested layout | | |

Q. 3 Solve the following.

- | | | |
|--|------------|----------|
| A) Explain following attributes of Android Layout | CO1 | 6 |
| I. android:layout_marginRight | | |
| II. android:layout_gravity | | |
| III. android:layout_weight | | |
| IV. android:layout_x | | |
| V. android:layout_y | | |
| VI. android:paddingLeft | | |
| B) Explain following database operations supported by SQLite. | CO1 | 6 |
| I. Database Creation | | |
| II. Database Insertion | | |
| III. Database Fetching | | |

Q.4 Solve the following.

- A) Explain any three methods of HttpURLConnection class.**
- B) Explain any three methods of SmsManager class.**

CO1 6
CO1 6

Q. 5 Solve Any Two of the following.

- A) Explain any three methods of Location object.**
- B) Explain following Intents with suitable example.**

CO1 6
CO1 6

- I. ACTION_IMAGE_CAPTURE_SECURE**
- II. ACTION_VIDEO_CAPTURE**
- III. EXTRA_SCREEN_ORIENTATION**

- C) Explain following methods provided by Bluetooth API.**

CO1 6

- I. enable()**
- II. isEnabled()**
- III. disable()**

***** End *****