Seat No: Enrollment No:

## PARUL UNIVERSITY

# FACULTY OF IT & COMPUTER SCIENCE

| DCA/ IIVICA Sullillier 2016 EX | ammanom          |
|--------------------------------|------------------|
|                                | Date: 18/05/2018 |

Subject Code: 05101352 /05301352 Time: 02:00PM to 04:30PM

**Subject Name: Mobile Application Development Total Marks: 60** 

#### **Instructions:**

Semester: 6

- 1. All questions are compulsory.
- 2. Figures to the right indicate full marks.
- 3. Make suitable assumptions wherever necessary.
- 4. Start new question on new page.

#### Q.1 Answer the followings.

A. Write short notes. (05)

- 1. What is use of res folder in android?
- 2. What is Toast message in android?
- 3. Define Service and Activity.
- 4. What is AVD?
- Give Use of Manifest.xml file.

# B. Do as Directed(Each of 01 marks)

(10)

- 1. What is the life cycle of foreground activity in android?
  - A onCreate() -> onStart() -> onResume() -> onStop() -> onRestart
  - B onCreate() -> onStart() -> onResume() ->onStop()
  - C onCreate() -> onStart() -> onResume()
  - D None of the above
- 2. OnCreateContaxtMenu() method have to override for use android menu. True/ False False
- \_\_ configuration file holds the permission to use the internet.
  - A. Layout file B. Property file C. Java source file D. Manifest file
- 4. Which one is not a nickname of Android Version.
  - A. Muffin B. Cupcake C. Honeycomb D. Gingerbread
- 5. The DalvikVM core libraries are a subset of which of the following?
  - B. Java SE C. Java EE D. JAX-WS A. Java ME
- 6. What Eclipse plugin is required to develop Android application?
- B. Android Software Development Kit
- C. Android Development Tools
- D. Web Development Tools
- 7. In R. java file you can edit your resource of your project. True/ False?
- A. version 1.6 or 2.0 B. version 1.0 or 1.5
- C. version 2.5 or 3.0 D none of above

8. As an android developer what version you should use as minimum SDK target version?

- \_\_\_\_ year Open Handset Alliance was announced.
  - A. 2012 B. 2001
- C. 2007
- D. 2009
- 10. What is the parent class of all Activity widgets?
- A. ViewGroup B. Layout C. View D. Widget

## O.2 Answer the followings. (Any 5)

(15)

- 1. Write a note on string.xml file. Why this file is useful in android?
- 2. By using which widget image will be set in android? Explain it with code.
- 3. Write a note on spinner control. With small code.
- 4. List our all types of button supported by android. Explain radio button in detail.
- 5. Write a note on android.util.Log class?
- 6. Write down steps to create new AVD?

| <b>Q.3</b> | Answer the following. (Any 3)   | (15) |
|------------|---|------|
|            | 1. Write a note on theme and style.   |      |
|            | 2. Which steps are required to publish android application?   |      |
|            | 3. Write a note on Life Cycle of android activity with diagram. Explain its all methods.  |      |
|            | 4. List of type of layout supported by android. Explain Table layout in detail.   |      |
| <b>Q.4</b> | Answer the following.   |      |
| A.         | What is Intent? How it use to broadcast and receive message? Explain it with small code.  | (05) |
| к          | What is SQlite Database? Explain method to create, insert, delete and querying database in  | (10) |
|            | android. Also write demo code.  | (10) |
| OR         |   |      |
| В.         | <ul><li>A. Write a program to change image using spinner control.</li><li>B. Write a note on Dialog box supported by android.</li></ul> | (05) |
|            | B. Write a note on Dialog box supported by android.   | (05) |