

# P P SAVANI UNIVERSITY

Fourth Semester of B.Tech. (CE/IT) Examination

May 2022

SEIT2021 Mobile Application Development

20.05.2022, Friday

Time: 09:00 a.m. To 11:30 a.m.

Maximum Marks: 60

## Instructions:

1. The question paper comprises of two sections.
2. Section I and II must be attempted in same answer sheet.
3. Make suitable assumptions and draw neat figures wherever required.
4. Use of scientific calculator is allowed.

### SECTION - I

- Q - 1 Answer the following. (Any five) [05]
- (i) JVM stands for \_\_\_\_\_
  - (ii) DVM stands for \_\_\_\_\_
  - (iii) The version number of Kitkat is \_\_\_\_\_
  - (iv) Oreo is the first android version. State true or false.
  - (v) OHA stands for \_\_\_\_\_
  - (vi) SDK stands for \_\_\_\_\_
- Q - 2 (a) Write a short note on OHA with the help of a diagram. [05]
- Q - 2 (b) Draw the android activity life cycle. [05]
- OR**
- Q - 2 (a) Differentiate between Oreo and Pie. [05]
- Q - 2 (b) Differentiate between simulator and emulator. [05]
- Q - 3 (a) Write a short note on RadioButton and CheckBox. [05]
- Q - 3 (b) Explain DVM in detail with a diagram. [05]

### OR

- Q - 3 (a) How to change color of text and background in android studio? [05]
- Q - 3 (b) What do you mean by spinner? [05]
- Q - 4 Attempt any one. [05]
- (i) Write a short note on the importance of manifest file.
  - (ii) Explain Intent with code snippet.

### SECTION - II

- Q - 1 Answer the Following. (Any five) [05]
- (i) #111111 is \_\_\_\_\_ color.
  - (ii) sp stands for \_\_\_\_\_
  - (iii) sp is 1/172 of inch. State true or false.
  - (iv) 'B' in ARGB stands for \_\_\_\_\_
  - (v) dp stands for display pixel. State true or false.
  - (vi) xhdpi stands for \_\_\_\_\_
- Q - 2 (a) What do you mean by ArrayAdapter? [05]
- Q - 2 (b) What do you mean by content provider in android? [05]
- OR**
- Q - 2 (a) Write a note on android menus. [05]
- Q - 2 (b) Explain timepicker in detail. [05]
- Q - 3 (a) What is the use of bitmap, canvas and paint class? [05]
- Q - 3 (b) Explain WebLayout in detail. [05]
- OR**
- Q - 3 (a) Write a short note on TableLayout and FrameLayout. [05]
- Q - 3 (b) What is MultiAutoCompleteTextView? [05]

Q - 4 Attempt any one.

[05]

(i) Write a note on android notification.

(ii) How telephony APIs can be used in android? Explain through code snippet.

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