

Seat No. : _____

ND-111

November-2021

BCA., Sem.-V

301 (C) : Mobile Application Development

Time : 2 Hours]

[Max. Marks : 50

- Instructions :**
- (1) All questions in **Section – I** carry equal marks.
 - (2) Attempt any **Two** questions in **Section – I**.
 - (3) Question – **5** in Section – II is **COMPULSORY**.

Section – I

- 1. (A) Explain Android Platform Architecture in detail. **10**
(B) Explain Activity Life Cycle in detail. **10**
- 2. (A) Explain Android Manifest File in detail. **10**
(B) What are Resources ? Explain different types of resources in detail. **10**
- 3. (A) Explain how you can use Buttons, Checkboxes and RadioGroups in Android. **10**
(B) Explain types of layouts in detail. **10**
- 4. (A) Explain how you can use Listview and Gridview in Android. **10**
(B) Explain Working with Dialogs in detail. Also explain Lifecycle of a Dialog. **10**

Section – II

- 5. MCQs : **10**
 - (1) Android is -
 - (a) an operating system
 - (b) a web browser
 - (c) a web server
 - (d) None of the above
 - (2) For which of the following Android is mainly developed ?
 - (a) Server
 - (b) Desktops
 - (c) Laptops
 - (d) Mobile devices

- (3) What does API stand for ?
- (a) Application Programming Interface
 - (b) Android Programming Interface
 - (c) Application Page Interface
 - (d) Android Page Interface
- (4) What is an activity in android ?
- (a) android class
 - (b) android package
 - (c) A single screen in an application with supporting Java code
 - (d) None of the above
- (5) Which of the following is the first callback method that is invoked by the system during an activity life-cycle ?
- (a) onClick() method
 - (b) onCreate() method
 - (c) onStart() method
 - (d) onRestart() method
- (6) Which of the following is contained in the src folder ?
- (a) XML
 - (b) Java source code
 - (c) Manifest
 - (d) None of the above
- (7) Which of the following method is used to handle what happens after clicking a button ?
- (a) onClick
 - (b) onCreate
 - (c) onSelect
 - (d) None of the above
- (8) Which of the following is the name of the Android version 1.5 ?
- (a) Eclair
 - (b) Froyo
 - (c) Cupcake
 - (d) Donut
- (9) Which of the layer is below the topmost layer of android architecture ?
- (a) System Libraries and Android Runtime
 - (b) Linux Kernel
 - (c) Applications
 - (d) Applications Framework
- (10) Which of the following is a dialog class in android ?
- (a) AlertDialog
 - (b) DatePicker Dialog
 - (c) ProgressDialog
 - (d) All of the above
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