

## B.Sc. Sem-6 Examination

CC 309

Computer Science

April 2022

Time : 2-00 Hours]

[Max. Marks : 50

**Instructions:** All Question in Section-I Carry equal marks.

Attempt any Three Questions in Section-I.

Question I in Section-II is COMPULSORY.

## SECTION-I

- |        |      |   |   |
|--------|------|---|---|
| Q.I    | A    | Explain Fundamental Components of android.  | 7 |
|        | B    | What items are important in every Android project?  | 7 |
| Q.II   | A    | What is Android? Explain Android Architecture with the help of a Suitable Diagram.                  | 7 |
|        | B    | Explain Life cycle of an Activity with Example  | 7 |
| Q.III  | A    | What are Resources? List different types of resources with required directory filename and xml tag. | 7 |
|        | B    | What is Intent? How are they used to broadcast and receive event?                                   | 7 |
| Q.IV   | A    | What is AndroidManifest.xml? Write its usages with an appropriate example.                          | 7 |
|        | B    | What is context and content provider?   | 7 |
| Q.V    | A    | What is the need of user interface in Android? Give brief description Relative Layout.              | 7 |
|        | B    | What is difference between view and layout in Android?  | 7 |
| Q.VI   | A    | What is Layout? Give brief description of any three layouts.  | 7 |
|        | B    | What are the two different types of view animations?  | 7 |
| Q.VII  | A    | What are the various ways to store data in Android?   | 7 |
|        | B    | How do you share data between applications?   | 7 |
| Q.VIII | A    | What is SQLite in Android and its features?   | 7 |
|        | B    | What is API? What is use of network API in Android?   | 7 |
| Q-IX   | MCQS | SECTION - II  | 8 |
|        |      | 1) Android is -   |   |
|        |      | A) an operating system  |   |
|        |      | B) a web browser  |   |
|        |      | C) a web server   |   |
|        |      | D) None of the above  |   |
|        |      | 2) Under which of the following Android is licensed?  |   |
|        |      | A)OSS   |   |
|        |      | B)Source forge  |   |
|        |      | C)Apache/MIT  |   |
|        |      | D)None of the above   |   |
|        |      | 3) For which of the following Android is mainly developed?  |   |
|        |      | A)Servers   |   |
|        |      | B)Desktops  |   |

(P.T.O)

April- 2022

B.Sc. Computer Science Semester – VI  
PAPER – COM-309 (Basic Android Programming)

- C)Laptops
  - D)Mobile devices
- 4) What does API stand for?
- A)Application Programming Interface
  - B)Android Programming Interface
  - C)Android Page Interface
  - D)Application Page Interface
- 5) Which of the following virtual machine is used by the Android operating system?
- A)JVM
  - B)Dalvik virtual machine
  - C)Simple virtual machine
  - D)None of the above
- 6) How can we stop the services in android?
- A)By using the stopSelf() and stopService() method
  - B)By using the finish() method
  - C)By using system.exit() method
  - D)None of the above
- 7) 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
- 8) How can we kill an activity in android?
- A)Using finish() method
  - B)Using finishActivity(int requestCode)
  - C)Both (a) and (b)
  - D)Neither (a) nor (b)
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