



DCCA603

Reg. No.

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VI Semester B.C.A. Degree Examination, July/August - 2024

COMPUTER APPLICATIONS

Mobile Application Development

(NEP Scheme)

Time : 2½ Hours

Maximum Marks : 60

*Instructions to Candidates:*

Answer all sections.

SECTION - A

I. Answer any Four questions. Each question carries 2 marks.

(4×2=8)

1. Distinguish between web app and mobile app.
2. What is Dalvik virtual machine?
3. What is an activity in Android studio?
4. What is picker view? List out the types.
5. What is menu? List out the different types.
6. What is content provider? List out the operations.

SECTION - B

II. Answer any Four questions. Each question carries 5 marks.

(4×5=20)

7. Explain different types of mobile technologies.
8. Briefly explain the key mobile application services.
9. Explain different types of "Basic views".
10. Write a note on
  - a) Option menu.
  - b) Context menu.
11. What is theme? Explain how to apply a style as a theme.
12. Write a short notes on content provider.

(2+3)

(2+3)

[P.T.O.]



## SECTION - C

- III. Answer any **Four** questions. Each question carries **8** marks. (4×8=32)
13. Explain different android application components. (8)
14. Briefly discuss about fragments and intents. (4+4)
15. Define "view group". Explain different types of view groups supported by android. (2+6)
16. Explain "image view" and "image switcher" with an example. (4+4)
17. Write a short notes on : (4)
- a) Contextual menu. (4)
  - b) Contextual action bar. (4)
18. Explain the types of google maps along with its methods. (4+4)
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