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DCCA603

Reg. No.

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VI Semester B.C.A Degree Examination, June - 2025

COMPUTER SCIENCE

Mobile Application Development

(NEP Scheme F+R)

Time : 2½ Hours

Maximum Marks : 60

Instructions to Candidates:

Answer All the Sections.

SECTION - A

Answer any FOUR questions . Each question carries Two marks. (4×2=8)

1. What is a mobile application? Name any two mobile applications.
2. Define activity.
3. Define a view and a viewgroup.
4. Mention any two key attributes of Edit Text view.
5. What is geocoding and reverse geo-coding?
6. What is XML Webservice?

SECTION - B

Answer any FOUR questions. Each question carries Five marks. (4×5=20)

7. What is an android manifest file? Explain its purpose and importance.
8. Explain how an intent object can be used to invoke built-in applications in android using an example.
9. Explain Time Picker View along with its attributes and features. Give an example to demonstrate its use.
10. What is anchoring a view? Write a note on anchoring attributes.

[P.T.O]



11. Mention any five key features of Location Based Services.
12. Explain the basic steps in consuming Web services using HTTP.

SECTION - C

Answer any FOUR questions. Each question carries Eight marks. (4×8=32)

13. Write a note on key Mobile Application Services.
 14. Explain the Android Life Cycle in detail.
 15. Write a note on the features of Options Menu and Context Menu.
 16. Write the code to create a simple android application to validate login details [Ensure the user name and password fields are not empty].
 17. Write a note on advantages and disadvantages of SQLite.
 18. a) Explain different types of XML parsers. (4)
b) Write a note on the key methods used in DOM parser. (4)
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