

QP CODE: 20100406



Reg No :

Name :

BSc DEGREE (CBCS) EXAMINATION, MARCH 2020

Sixth Semester

Core course - CS6CRT15 - MOBILE APPLICATION DEVELOPMENT- ANDROID

Bachelor of Computer Application, B.Sc Information Technology Model III

2017 Admission Onwards

E6825F58

Time: 3 Hours

Marks: 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. Explain Open GLIES and SQLite.
2. What are the components of AVD ?
3. What is DVM ?
4. List any four child classes of TextView.
5. Write any four properties of List view.
6. What is an intent filter?
7. Describe the lifetime of an activity.
8. How do SQLite provide database features with a compressed library?
9. What is the function of content value instance?
10. Write the importance of Transaction in SQLite database.
11. Why is JSON more lightweight than XML?
12. How the tracking of user location is done in Android ?


(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. List the responsibilities of ADT.

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14. Explain Relative Layout with Example.
 15. Explain any five attributes of Checkbox.
 16. Demonstrate the use of ArrayAdapter and Spinner control with code.
 17. Explain Android multimedia framework architecture.
 18. Write a java code to implement text to speech.
 19. Explain different packages imported for Wi-fi activity.
 20. Write a java and xml code to save the details of student to sqlite table student(regno, name, address).
 21. Distinguish between JSON Array and JSON Object.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Why Android is used in mobile application development?
23. Explain the following with syntax and suitable example: a) Custom toast alert b) Time and date picker c) Image view and scroll view.
24. Write java and xml code to speak whatever written in editText using Text to speech methods in Android.
25. Illustrate various drawing and user interaction customization capabilities on maps.

(2×15=30)