(FOR THE CANDIDATES ADMITTED

DURING THE ACADEMIC YEAR 2022 ONLY)   REG.NO. :

22UCS5E3

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI
END-OF-SEMESTER EXAMINATIONS : NOVEMBER 2024

B.Sc COMPUTER SCIENCE(SF)   **MAXIMUM MARKS: 50**

SEMESTER-V   **TIME : 3 HOURS**

PART – III
22UCS5E3 – MOBILE APPLICATION DEVELOPMENT

SECTION – A   **(10 X 1 = 10 MARK**

ANSWER THE FOLLOWING QUESTIONS.   **(K1)**

1. In android application,which file holds the internet.

   a. Create file   b. Manifest file

   c. System file   d. Data file

2. User interface is use for _____

   a. XML   b. Java

   c. C++   d. Both A and B

3. APK stands for_____.

   a. Android Phone Kit   b. Android Page Kit

   c. Android Package Kit   d. Android Phone Kite

4. Which of the following Kernel is used in Android?

   a. MAC   b. Windows

   c. Linux   d. iOS

5. Which of the following is the built-in database of Android?

   a. SQLite   b. MySQL

   c. Oracle   d. SQL

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES   **(K2)**

6. Define the term Framework.

7. What is an UI?

8. Expand the term API.

9. What is an Operating System?

10. Define Animation.

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SECTION – B **(5 X 3 = 15 MARKS)**
ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.(K3)

11. a) Write note on Mobile Application.
(OR)
b) Discuss on Mobile Device Profiles.

12. a) Examine generic UI development.
(OR)
b) Interpret Voice XML.

13. a) Expalin the Memory Management in Android.
(OR)
b) Describe the work flow for Application Development.

14. a) Compare Android and iOS.
(OR)
b) Brief out on Security and Hacking

15. a) Discuss Notification and Alarms.
(OR)
b) Explain Location Based Services

SECTION – C **(5 X 5 = 25 MARKS)**
ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.(K4 (Or) K5)

16. a) Describe the Characteristics and Benefits of an Android Application.
(OR)
b)Elaborate on Infrastructure and Managing Resources.

17. a) Indetail,Expalin designing the right UI.
(OR)
b) Illustrate Gesture based UI.

18. a) Desribe Java API and with an example.
(OR)
b) Explain Dynamic Linking.

19. a) Design and explain Android Application Architecture.
(OR)
b) How will u store and retrie the data from Android? Illustrate.

20. a) Explain Layer Animation and its example.
(OR)
b) Expalin Event Handling and Graphics Services in detail.

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