SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)
(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)
Chromepet, Chennai - 600 044.
B.Sc.AI - END SEMESTER EXAMINATIONS - NOV'2024
SEMESTER - V
24UAIET5A01 - Mobile Application Development for Machine Learning

Total Duration : 1 Hrs. 30 Mins.   Total Marks : 40

Section B

Answer any **TEN** questions $(10 \times 2 = 20$ Marks$)$

1. Name two main components of an android application.

2. What is the role of android SDK in app development?

3. What is the use of Android emulator in app development?

4. Describe the purpose of Android Virtual Device (AVD) manager?

5. Define Intents.

6. List out the layouts in android applications.

7. What is the purpose of the gradle build system in android development?

8. Explain the role of activities in android applications.

9. Define the optimization in model.

10. How do you load the model?

11. How do you add dependencies in tensorflow lite?

12. What is the role of tensorflow lite converter?

Section C

I - Answer any **FOUR** questions $(4 \times 5 = 20$ Marks$)$

13. Explain the android architecture and its components.

14. What are the advantages of developing mobile application in the android platform?

15. Discuss the development cycle of android application using android studio.

16. What are the intents in android and how do they build in app?

17. What is an android emulator and why it is important in mobile app development?

18. Explain the tensorflow lite converter with example.

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