CBCS-240

B. Sc. (Hon's) (Second Semester) Examination, June 2024

(CBCS Course)

COMPUTER SCIENCE

Paper : 203

(Mobile Application Development)

Time Allowed : Three hours

Maximum Marks : 60

Minimuma Pass Marks : 20

Note : Question paper is divided into both sections A & B. Attempt questions from each section as directed.

Section-'A'

(Short Answer Type Questions)   5×6=30

Note : Attempt all five questions. One question from each unit is compulsory. Each question carries 06 marks.

Unit-I

1. What is Android? What are the best features of Android?

Or

What are the different versions of Android?

Unit-II

2. Describe the structure of Android support library.

Or

Which components are necessary for a new Android project?

Unit-III

3. What role does the dalvik virtual machine play in Android development?

Or

Explain the importance of default resources.

Unit-IV

4. Explain the use and importance of graphical user interface.

Or

Discuss the menu which is used to display information related to a particular view on an activity.

Unit-V

5. Explain the database used in Android.

Or

How can we send and receive SMS in Android Programmatically?

Section-'B'

(Long Answer Type Questions)   3×10=30

*Note : Attempt any **three** questions. Each question carries 10 marks.*

6. Discuss how the Eclipse integrated development (IDE) and JAVa development bit (JDK) software system are helpful in installing the Android SDK.

7. Explain activities and activity life cycle and cretion an activity.

8. What is Android manifest Xml? What is broadcast receiver? How can apps recive broadcasts?

9. Discuss the creation of arimations on Android.

10. Explain recording and saving audio and video on an Android phone.