SEMC–240

M.Sc. (IInd Semester) Examination, 2022
COMPUTER SCIENCE (Lateral Entry)

Paper – FS–COMP–MCSLE–CC–202

(Android Programming)

*Time : **1½** Hours*]   [*Maximum Marks : **40***

Note :–   The question paper contains three Sections.

                    Section–A   **(Marks : 1 × 10 = 10)**

Note :–   Answer all *ten* questions (Answer limit **50** words). Each question carries

1 mark.

                    Section–B   **(Marks : 3 × 5 = 15)**

Note :–   Answer any *five* questions by selecting at least *one* question from each Unit

(Answer limit **200** words). Each question carries **3** marks.

                    Section–C   **(Marks : 5 × 3 = 15)**

Note :–   Answer any *three* questions by selecting *one* from each Unit (Answer limit

500 words). Each question carries **5** marks.

Section–A

1. (i)   Define AVD.

    (ii)   What is Gradle ?

    (iii) Name the packages required to run your first android app.

    (iv)   Define TextView.

    (v)   What do you understand by Toast ?

    (vi)   Define Linear Layout.

    (vii) What is ListView ?

    (viii) Define Margin.

    (ix)   What are Location Based Services ?

    (x)   What are Intents in Android ?

Section–B

Unit–I

2. Explain Android Architecture.

3. What is Android SDK Manager ? Explain Android Studio.

4. Explain Android Package Structure.

Unit–II

5. Explain RadioButton and CheckBox.

6. Explain Adapter.

7. Write the steps to use SQLite Database in Android.

Unit–III

8. Give an example of working with Spinners.

9. Give an example of Sending SMS.

10. Give an example of working with Fragments.

Section–C

Unit–I

11. Write the steps to create your First Android App.

12. Write the steps to setting Android Environment.

Unit–II

13. Explain Relative Layout with example.

14. Give an example of GridView.

Unit–III

15. Give an example of BMI Calculator App.

16. Explain Activity in Android.