

**B.Sc. Semester-VI Examination, 2022-23****COMPUTER SCIENCE [Programme]****Course ID : 61510      Course Code : SP/CSC/604/SEC-4****Course Title : Android Programming**

Time : 1 Hour 15 Minutes

Full Marks : 25

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.*

1. Answer any **five** questions: 1×5=5
- a) What is the APK format?
  - b) What is intent?
  - c) Name some languages supported for Android development.
  - d) How are view elements identified in the android program?
  - e) How to call another activity in android?
  - f) What is the database used for the Android platform?
  - g) What are the essential states of an activity?
  - h) Explain the use of 'bundle' in android.

2. Answer any **two** questions: 5×2=10
- a) What are the advantages of the Android operating system?
  - b) What is the importance of having an emulator within the Android environment?
  - c) What is service in android? Differentiate activities from services.
  - d) Name the dialog box which is supported by Android. Name some exception in Android.
3. Answer any **one** question: 10×1=10
- a) Explain the android application architecture.
  - b) Discuss life cycle stages of android activity.

## B.Sc. Semester-VI Examination, 2022-23

### COMPUTER SCIENCE [Programme]

Course ID : 61510 Course Code : SP/CSC/604/SEC-4

Course Title : Programming in Visual Basic

Time : 1 Hour 15 Minutes

Full Marks : 25

*The figures in the right-hand margin indicate marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

#### UNIT-I

Answer any **five** questions:

1×5=5

1. What will be the output of the following Visual Basic code, if the intnumber variable is 110?

```
If intnumber<=100 Then
    Intnumber=intnumber*2;
Else
    Intnumber=intnumber*3;
EndIf
```

2. Which of the following is commonly used to perform an immediate action when clicked in Visual Studio?

- a) Button control
- b) Close
- c) End
- d) Exit

- 3. Which extension is used to represent the project file in Visual Basic?
- 4. Who develop Visual Basic?
- 5. If you keep a variable undeclared, it is automatically taken as to which data type in visual basic?
- 6. What is IDE?
- 7. What is a list box?
- 8. What is a timer?

#### UNIT-II

Answer any **two** questions:

5×2=10

- 1. What is form? Also discuss some common form properties.
- 2. Explain the different types of operators used in VB.
- 3. Describe any four features of Visual Basic.
- 4. Explain any three controls of Visual Basic.
- 5. Create a VB program to input two numbers add display their sum.

#### UNIT-III

Answer any **one** question:

10×1=10

- 1. Explain briefly the usage of any five controls in the Toolbox. Discuss the features of Visual Basic IDE.
- 2. Write a VB program to find the largest of three numbers along with the form design.