

Total No. of Questions : 5]

SEAT No. :

PA-1986

[Total No. of Pages : 2

[5954]-604

T.Y. B.B.A. (CA)

CA-604 : ANDROID PROGRAMMING

(2019 Pattern) (CBCS) (Semester - VI)

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates :

- 1) *All questions are compulsory.*
- 2) *Draw neat diagrams wherever necessary.*

Q1) Answer the following questions (Any 8) :

[8 × 2 = 16]

- a) What is Android?
- b) Enlist android versions.
- c) Define user interface.
- d) What is Date Picker Dialog?
- e) Describe Array Adapter.
- f) What are the layers present in the android architecture?
- g) What is cursor?
- h) What is Toast?
- i) What is Android ISON?
- j) What is Text Fields?

P.T.O.

Q2) Attempt the following (Any 4) : **[4 × 4 = 16]**

- a) Describe activity Life cycle.
- b) What is spinner? How to create it? Explain with Example.
- c) How to create database in SQLite? Explain with Example.
- d) Define AsyncTask? How it works? Explain with Example.
- e) Describe Bounded and Unbounded service in detail.

Q3) Answer the following (Any 4) : **[4 × 4 = 16]**

- a) Create linear layout for student registration page in Android with its component properties.
- b) Create an Android application that demonstrate Time Picker.
- c) Write a program to create the custom dialog in Android.
- d) Write a program to implement map in Android.
- e) Create an Android App with login screen on successful login, gives message go to next activity [Without using Database and use Table layout].

Q4) Answer the following (Any 4) : **[4 × 4 = 16]**

- a) What is Dialog Box? Explain with example.
- b) Discuss about views and view groups.
- c) Create a simple application, which read a positive number from the user and display it factorial value in another activity.
- d) What is Content Providers? Explain with example.
- e) Develop a simple calculator using table layout.

Q5) Write a short note of the following (Any 2) : **[2 × 3 = 6]**

- a) List view.
- b) Google Maps.
- c) Intent.

