

2311000501040004

M.Sc. (Computer Application) (Semester – I)

Examination December -2023

Animation Device and Components Handling

Seat No:

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[Time: Three Hours]

[Max. Marks:70]

Student's Signature

- Instructions:**
- 1) All questions are compulsory.
 - 2) Figure to the right indicate full marks.
 - 3) Mention your options clearly

- Q.1** Answer in short (any seven) **14**
- 1) How to perform Zoom –in-out animation in android?
 - 2) What are the difference between implicit and explicit Intent.
 - 3) What is use of WifiManager class?
 - 4) What is use of Bluetooth Adapter class?
 - 5) Explain different types of Google Map.
 - 6) What do you mean by SensorManger class?
 - 7) What is use of camera intent?
 - 8) What is use of addPolygon() and snapshot() method?
- Q.2** Do as directed (any two) **14**
- 1) Discuss the various types of animations available in Android.
 - 2) What is Intent? Explain types of Intent.
 - 3) Define Bluetooth in Android and discuss the necessary permissions for Bluetooth functionality.
- Q.3** Do as directed (any two) **14**
- 1) Explain Android manifest file permissions.
 - 2) How can SMS be sent in Android applications?
 - 3) Describe the started and Dropped states in the Drag and Drop process.
- Q.4** Do as directed (any two) **14**
- 1) Explain PhoneStateListener interface that implemented to get the call state.
 - 2) What is Sensors? Explain different types of sensors.
 - 3) What is the sensor framework in Android, and how does it facilitate the integration of sensors into Android applications?

Q.5 Do as directed

14

- 1) Explain significance of Google Maps.
- 2) Discuss various methods of Geocoder class.
- 3) How to displaying Current location?