

RAN-2311000501040004

M.Sc. (Computer Application) (Sem. I) Examination November - 2025

P - 104-02 Animation Device and Component Handling

Time: 1 Hours]

[Total Marks: 25

સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the above details on your answer book
- (2) All questions are compulsory.
- (3) Figure to the right indicate full marks.
- (4) Mention your options clearly.

Seat No.:

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Student's Signature

Q-1. Answer the following MCQ (ANY FIVE)

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- Which animation effect makes an object gradually appear or disappear on the screen?
 - Zoom
 - Rotate
 - Fade
 - Slide
- Which method is used to start discovery of nearby Bluetooth devices?
 - startScan()
 - startDiscovery()
 - discoverDevices()
 - enableDiscovery()
- Which Android class is used for sending SMS programmatically?
 - SmsAdapter
 - SmsManager
 - SmsHandler
 - SmsService
- Which method of Telephony Manager is used to determine the current call state?
 - getDeviceId()
 - getNetworkType()
 - getCallState()
 - getSubscriberId()
- In Android, which class is used to convert a location name into latitude and longitude?
 - Geopoint
 - Geocoder
 - LocationManager
 - PlaceFinder
- Which Intent method is used to send system-wide announcements to other apps?
 - startActivity()
 - startService()
 - sendBroadcast()
 - finish()
- What is used in Bluetooth to establish a connection and exchange data with other devices?
 - Service Discovery Protocol (SDP)
 - UDP
 - TCP/IP
 - FTP

Q-2. Do as directed

- (A) Define Intent in Android and explain its types.

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OR

- (A) Describe the Camera Intents and the APIs used to interact with the device camera in Android.
- (B) What is Bluetooth in Android? Also explain Android Bluetooth Permissions .

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OR

- (B) Explain the role of the WifiManager class. **04**

Q-3. Do as directed

- (A) Discuss the Drag and Drop Framework in Android along with its different states. **04**

OR

- (A) Explain steps to send and receive SMS messages from Android Application. **04**

- (B) What are Sensors? Explain different types of sensors **04**

OR

- (B) How to obtain Location permission at runtime in an Android application? **04**

Q-4. Do as directed

- (A) What is Google Maps API in Android? Explain its key features and commonly used methods. **04**

OR

- (A) What is the PhoneStateListener interface in Android? Explain how it is implemented to monitor the call state. **04**