

2311000501030003

M.Sc. (Computer Application) (Semester – I)
Examination December-2023
Event and Media Handling

Seat No:

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Student's Signature

[Time: Three Hours]

[Max. Marks:70]

Instructions:

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

- Q.1 Answer the following questions (Any 7) 14**
- 1) List out Events Listeners and their respective handlers.
 - 2) Define the permissions in manifest file to record audio.
 - 3) Define Video View method that can be used to set URI of Video.
 - 4) Differentiate JSON object and JSON Array.
 - 5) Write the significance of prepare() method.
 - 6) Define Structure of XML.
 - 7) What is XML DOM Document?
 - 8) What is on TrackballEvent()?
- Q.2 A. Explain how events can be used to capture inputs from user. 14**
B. Differentiate SAX and DOM in detail.
- OR**
- A. Explain View Class and its Event Listeners.**
B. What is Parser? Explain significance and use of DOM Parser.
- Q.3 Explain the following in brief (Any two) 14**
- A. What is JSON? Explain its types with example. Also provide its advantages.
 - B. Explain Media Controller Class with its events.
 - C. What do you mean by Event Listeners Registration?
- Q.4 A. Discuss importance of XML parser with Example. 14**
B. Explain the use of MediaRecorder class.
- OR**
- B. Explain TextToSpeech class with its methods.**
- Q.5 Explain the following terms in brief (any two) 14**
- 1) Audio Manger Class with Ringer Modes.
 - 2) Steps to record audio in android
 - 3) Callback Methods of Event Listener.