

M.Sc. (Computer Application) (Sem.- I) Examination November - 2025
Event And Media Handling (Paper- 103-02)

Time: 1 Hour]

[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.:

--	--	--	--	--	--

Student's Signature

Q.1. (A) Answer the following (any 4)

[04]

- Which method is used to handle a key press event in Android?
 - onKeyDown()
 - onKeyUp()
 - onClick()
 - onTouch()
- What is the characteristic of the DOM parser?
 - It parses XML sequentially and triggers events for each tag.
 - It reads the entireXML document into memory and represents it as a tree structure.
 - It can only parse small XML files due to its size limitations.
 - It modifies XML files while parsing.
- Which method in the SAX parser is used to handle the text between XML tags?
 - startElement()
 - endElement()
 - characters()
 - startDocument()
- In JSON, what is the correct syntax to represent an object?
 - Curly braces {}
 - Square brackets []
 - Double quotes""
 - Angle brackets <>
- Which method suspends video playback in VideoView, freeing resources?
 - pause()
 - stop()
 - suspend()
 - release()

Q.1. (B) Answer the following in short (any 4)

[04]

1. Which method is used to start recording audio or video in MediaRecorder?
2. Discuss setDataSource() method?
3. How does JSON differ from XML in terms of structure?
4. What is use if XMLPullParser in Android?
5. What does on CreateContextMenu() method allow the user to do?

- Q.2. Answer the following.** [09]
- (A) Explain the concept of event listeners in Android. How it works? [05]
- OR**
- (A) Explain Structure of XML with Suitable Example. [05]
- (B) What is JSON Parsing? Explain with Example. [04]
- Q.3. Write any two out of three** [08]
- (A) Write a note on MediaController class.
- (B) Explain TextToSpeech class with its methods.
- (C) Explain Parsing the XML file using SAX parser.
-