

**ST. JOSEPH’S COLLEGE (AUTONOMOUS), BENGALURU -27**

**END SEMESTER EXAMINATION: APRIL 2023**

**(Examination conducted in May 2023)**

**IV SEMESTER OPEN ELECTIVE**

**CSOE7 – Mobile Application Development**

**Time: 2 hour Max Marks: 60**

**This paper contains five printed pages and one part**

**PART-A**

1. Choose among the following tabs in which an error is shown
2. Log Cat b) Profiler c) Project Explorer d) Command Interpreter
3. Among the following options choose the one for which Android is based on Linux.
4. Networking b) Portability c) Security d) All the Above
5. Among the below virtual machines choose the one which is used by the Android operating system
6. JVM b) Simple VM c) Dalvik d) None
7. All layout classes are the subclasses of
8. Andriod. Widget b) andriod.View.view Group c) andriod.View.view d) None
9. The full form of APK is
10. Andriod Package Kit b) Andriod Page Kit c) Andriod Phone Kit d) Andriod Photo Kit
11. While developing android application developers can test their apps on
12. Emulators b) Andriod Phone c) Third Party Emulator d) All the Above
13. Among the following choose the one which converts Java bytecode into Dalvik bytecode
14. Dex Compiler b) Dalvik Converter c) JVM converter d) All the Above
15. The full form of ADB is
16. Andriod Delete Bridge b) Andriod Debug Bridge c) Andriod Data Bridge d) Andriod Destroy Bridge
17. The full form of AVD is
18. Active Virtual Device b) Andriod Virtual Display c) Andriod Virtual Data d) Andriod
19. Which of the following is the first callback method that is invoked by the system during an activity life-cycle?
20. onClick() method b) onCreate() method c) onStart() method d) onRestart() method
21. Which of the following is not an activity lifecycle callback method?
22. onClick() method b) onCreate() method c) onStart() method d) onBackPressed() method
23. What is an activity in android?
24. android class b) android package c) A single screen in an application with supporting java code d) None
25. ………….. is a view group that aligns all children in a single direction, vertically or horizontally.
26. Relative Layout b) Constrained Layout c) Linear Layout d) Table Layout
27. Which is NOT a valid usage for Intents of the following?
28. Activate Activity b) Activate a Service c) None d) Activate Broadcast Reciever
29. ……………….. enables you to specify the exact location of its children
30. Linear Layout b) Absolute Layout c) Relative Layout d) Table Layout
31. Dp denotes ………
32. Density dependent b) density point c) density pixel d) density independent
33. A **…………..**is an object that draws something on the screen that the user can interact
34. View b) GroupObject c) GroupLayout d) Groups
35. The …………..view provides visual feedback about some ongoing tasks, when you are performing a task in the background.
36. Menu Bar b) Progress Bar c) Indicator Bar d) Intent Filter
37. ……….. allows you to select an item from a drop down menu
38. EventHandlers b) MenuItem c) MenuView d) Spineer
39. is called when the user either clicks or touches or focuses upon any widget like button, text, image etc
40. OnClickListener(). b) OnLongClickListener() c) OnFocusChangeListener() d) OnTouchListener()
41. A …….. Resource defines the format and look for a UI.
42. Sheet b) style c) XML d) Layout
43. An application listens for specific broadcast intents by registering a broadcast receiver in ….. file
44. AndroidManifest.xml  b) Andriod String.xml c) Layout.xml d) res.xml
45. Identify correct reboot function …..
46. Andriod. Reboot b) reboot.andriod c) android.intent.action.REBOOT d) andriod.intent.Reboot
47. ……..is a piece of an activity which enable more modular activity design
48. Intent b) filter c) broadcast d) Fragment
49. A …………component supplies data from one application to others on request.
50. content b) content provider c) Content Manifest d) None
51. The components are used to specify the combination of input mechanisms that are supported by our application.
52. Uses – application b) uses-permission c) uses-configuration d) uses- attribute
53. Which of the following is the first mobile phone released that ran the Android OS??
54. Redmi b) T Mobile G1 c) Realme d) Samsung
55. ………..enable us to create private files specific to app and files are removed as app is uninstalled
56. getExternalFilesDir
57. getExternalStorageDirectory()
58. getExternalStoragePublicDirectory()
59. getStorage()
60. Preference file is actually a ………..file saved in internal memory of device
61. Java b) Kotlin c) xml d) dex
62. Identify the Android has built in Gradle APP implementation.
63. False b) True c) None d) Assumption
64. ………….displays text to the user and optionally allows them to edit it programmatically.
65. ViewText b) TextView c) InputText d) PasswordText
66. Identify attribute for adding text
67. Andriod:textview b) Andriod:plaintext c) Andriod:text d) andriod:textinput
68. …………… view to list the contacts in app
69. Grid View b) List View c) Linear View d) Gradient View
70. Java Code can directly run on Andriod Device
71. True b) False c) None d) Both a and b
72. What runs in background and doesn’t have UI components
73. Intents b) Content Providers c) Applications d) Services
74. Intents are
75. Messages are building blocks b) trigger activities start services c) Both a and B d) Synchronous
76. is one of the very useful user interface element in Android that allows the selection of integer values using a natural user interface.
77. Progress bar b) Intent filter c) Seek bar d) Radio Button
78. …………………….gets maximum value of the SeekBar programmatically means in [java](https://abhiandroid.com/java/) class
79. Get() b) getMax() c) Max() d) MaxValue()
80. ………………message to be displayed quickly and disappears after specified period of time
81. Toast b) Print c) Trace d) display
82. …………….. method used to set the current hours
83. Currentmet(integer hour) b) setHour(Integer hour) c) setTime(Integer Time) d) setTime(Integer hour)
84. …………………….. method is used to get the current hours from a time picker.
85. getHour() b)getTime() c) gethours() d) gethourdur()
86. ……………..attribute in radio button is used to set the current state of a radio button
87. Unchecked b) Option c) Checked d) NotChecked
88. The……….. attribute is an optional attribute which is used to control the alignment of text
89. alignText b) textalign c) aligntxt d) gravity
90. ……………..is a UI widget that is used to display video content to the users within android applications
91. ViewVideo b) VideoView c) View d) ViewGroup
92. method is used to set the absolute path of the video file which is going to be played
93. getVideo(Uri) b) setVideoUri() c) setVideoUri(Uri uri) d) getVideo(Uri uri)
94. is used to set the controller for the controls of video playback.
95. getMediaController()
96. setMediaController
97. getMedia()
98. setMediaController(MediaController controller)
99. ………….listener which allows a callback method to be called when the video is ready to play.
100. setOnPreparedListener(MediaPlayer.OnPreparedListener)
101. setOnPrepared(MediaPlayer.OnPreparedListener)
102. setOnPreparedListener(MediaPlayer)
103. setOnPreparedListener(OnPreparedListener)
104. specifies the component to be invoked from activity
105. Implict Intent b)Explicit intent  c) None d) Intent filter
106. is a class which is used to provide the controls for the video playback
107. MediaController b) Audio Controller c) MultimediaController d) None
108. controls the location of the controls on the screen
109. getAnchorview() b) setView() c) setAnchorView(View view) d) getAnchorView(View view)
110. method is used to initiate the Toast
111. GetText(Context context, CharSequence text, int duration)
112. SetText(Context context, CharSequence text, int duration)
113. Text(Context context, CharSequence text, int duration)
114. makeText(Context context, CharSequence text, int duration)
115. …………….. mode data stored earlier is always overridden by the current data
116. Mode\_Public b) Mode\_private c) Mode\_append d) Mode\_access
117. enable us to keep files public and are not deleted with the app uninstallation
118. getExternalStoragePublicDirectory()
119. getExternalStorageDirectory()
120. setExternalStoragePublicDirectory()
121. setDirectory()
122. …………used to draw graphics in android provides methods to draw oval, rectangle, picture, text,etc.
123. android.graphics b) android. Canvas c) android.graphics. Canvas d) canvas
124. ……………………class is used with canvas to draw objects
125. Android. Paint b) android.graphics.Paint c) android.graphics d) None
126. used to define width or height of a view in full screen horizontally or vertically
127. match\_parent b) wrap\_content c) both d) None
128. ………….allows animating almost everything powerful and flexible animations
129. View Animation b) Property Animation c) Drawable Animation d) None
130. ……… used if you want to animate one image over another.
131. Drawable animation b) Property animation c) View animation d) None
132. is the sub-element of activity that describes the type of intent to which activity, service or broadcast receiver can respond
133. Intent-filter
134. Intent-listener
135. Intent – root
136. Intent –access
137. This method will specify the source of the audio to be recorded.

a) start() b) release() c) setAudioSource() d) setAudioEncoder()