

JK Lakshmipat University Jaipur
INSTITUTE OF ENGINEERING AND TECHNOLOGY

End Term Examination, December, 2021
B. Tech. in Computer Science Engineering, Semester: V

Roll No.....

CS1205: Mobile Application Development

Time: 3 hours

Max. Marks: 30

Instructions to students:

1. Do not write anything other than your roll number on question paper.
 2. Assume suitable data wherever required and mention it clearly.
 3. Writing appropriate units, nomenclature, and drawing neat sketches/schematics/ flow chart wherever, required are an integral part of the answer.
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Section-A

5*5=25

1. Design an application similar like WhatsApp. Discuss all its features in terms of activities and functionality within activity. Using diagram, you may explain design.
2. Which database developer would like to prefer while making applications like facebook and banking system? Please discuss preferences on the basis of cloud structures.
3. Developer making one API call while developing memes sharing application, how would you customize application after receiving JSON responses? Discuss with one JSON response fields.
4. Where can developer reset compileSdkVersion and targetSdkVersion in android studio? What does happen with different mobile versions using compiled .apk of certain compileSdkVersion and targetSdkVersion?
5. What database is used in Android? How it is different from client-server database management systems? What will happen if we store large volume of data in this database?
For Example: Note Application using this database.

Section-B

5*1=5

1. Which is the JSON exception in Android?
 - A. InputNotFoundException
 - B. JSONException
 - C. JSONNotFoundException
 - D. None of the above
2. After installation on a device, each Android application lives in _____?
 - A. External memory
 - B. Device memory
 - C. Security sandbox
 - D. None of the above
3. How to obtain a response from an Android activity?
 - A. Bundle()
 - B. startActiivtyForResult()
 - C. startActivityToResult()
 - D. None of the above
4. What does Manifest.xml in Android consist of?
 - A. Has the information about activities in an application.
 - B. Has information about layout in an application.
 - C. Has all of the information about an application.
 - D. None of the above.
5. Name the dialog box which is not supported by Android?
 - A. Alert Dialog
 - B. Progress Dialog
 - C. Date Picker Dialog
 - D. Terminating Dialog
