M.Sc. (Computer Science)-II Fourth Semester Old
MSC24121 - Android Application Development Paper - II

P. Pages : 2

Time : Three Hours

|| *1839* ||

Max. Marks : 80

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Notes : 1. All the questions are compulsory and carry equal marks.
2. Draw neat and labelled diagram wherever necessary.
3. Avoid vague answers.

1. Either:

a) Draw and explain Android studio project structure. **8**

b) Write about Android SDK. **8**

OR

c) What is Android? Explain its features in detail. **8**

d) Write an android program to demonstrate resources. **8**

2. Either:

a) Define Intent. Explain content provider classes in detail. **8**

b) Create an app to open new activity on Button click. **8**

OR

c) Explain- **8**
   i) Android Terminology   ii) Using Intent filter

d) Write a program to display "Welcome to the world of Android" **8**
   Note: (Write Activity and XML file).

3. Either:

a) Explain different types of layout in detail. **8**

b) Discuss the drawing and working with Animation. **8**

OR

c) Create an android application to demonstrate relative layout. **8**

d) Explain- **8**
   i) GetAllocationByteCount( )
   ii) hasMipMap( )

4. Either:

   a)   Discuss in brief about storage API. **8**

   b)   Write a program to produce sound on click button. **8**

OR

   c)   Write about NDK apl in detail. **8**

   d)   Develop android apps to demonstrate absolute layout. **8**

5. Solve all the question.

   a)   Explain app package. **4**

   b)   Write a note on- **4**
       i)   Filter and   ii)   Permission

   c)   Write about BitMapFactory. **4**

   d)   Write about filter class. **4**

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