

Code No: 825AA

R15**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****MCA V Semester Examinations, April/May - 2019****ANDROID MOBILE APPLICATION DEVELOPMENT****Time: 3 Hours****Max. Marks: 75****Note:** This question paper contains two parts A and B.

Part A is compulsory which carries 25 marks. Answer all questions in Part A. Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

PART - A**5 × 5Marks = 25**

- 1.a) Discuss the features of Android OS design. [5]
- b) How to create fragments? Explain. [5]
- c) Explain about Implicit Intents. [5]
- d) Show how to read data from files. [5]
- e) Explain how to create an alarm? [5]

PART - B**5 × 10Marks = 50**

2. With a neat diagram explain Android development framework? [10]
- OR**
3. List and explain the best practices in Android programming. [10]
4. Explain in detail about the concept of Dialog and pickers Event Handling. [10]
- OR**
5. Describe in detail about Device and pixel density independent measuring units Layouts. [10]
6. Give example to explain using of intent to dial a number or to send SMS broadcast receivers. [10]
- OR**
7. Discuss in detail about finding and using of intents received within an activity notifications. [10]
8. Describe the concept of using application specific folders and files. [10]
- OR**
9. With an example explain how to insert and retrieve data using SQLite. [10]
10. Explain about download manager Location Based Services in detail. [10]
- OR**
11. Describe how internet resources are used to develop an android application development. [10]

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