

Dr. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY

LONERE - RAIGAD - 402 103

Summer Semester Examination, May 2018

Branch: M. Tech. (CE/CS/CS&IT/CS&E)

**Subject with Subject Code: Mobile Computing
[MTCE1204C]**

Semester : II

Marks: 60

Date: 21 / 05 / 2018

Time: 3 Hrs.

Instructions: 1] Attempt any 5 questions.

2] Figures / Structures to the right indicate full marks.

3] Each question Carry 12 Marks

4] Assume suitable data, if necessary.

5] Neat diagrams must be drawn wherever necessary.

Q. No. 1. Attempt the following questions.

A) What is android? Explain android architecture with diagram. [8M]

B) State the challenges present in the development of android application. [4M]

Q. No. 2. Attempt the following questions.

A) What is intent? Explain Explicit Vs Implicit intents. [8M]

B) What are the advantages and disadvantages of shared preferences in android? [4M]

Q. No. 3. Attempt the following questions.

A) How to create menus in android? Explain with example. [8M]

B) Write a short note on "adaptive layout ". [4M]

Q. No. 4. Attempt the following questions.

A) What is SQLite database? Explain its method in detail. [8M]

B) Explain content resolver and providers in android. [4M]

Q. No. 5. Attempt the following questions.

A) What is services? explain service life cycle. [8M]

B) Write a short note on "notification in android ". [4M]

Q. No. 6. Attempt the following questions.

A) Explain Google Cloud messages in android. [8M]

B) What are the different built in sensors are there in android powered devices. [4M]

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