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Roll No. ....

## TBC-502/TBI-501

B. C. A./B. SC. (IT)

(FIFTH SEMESTER)

MID SEMESTER EXAMINATION, 2022

MOBILE APPLICATION DEVELOPMENT

Time : 1½ Hours

Maximum Marks : 50

Note : (i) Answer all the questions by choosing any *one* of the sub-questions.

(ii) Each question carries 10 marks.

1. (a) Discuss android activity life cycle with example. (CO1/CO2)

OR

(b) Define the term Android. List out various features of android operating system. Also discuss its architecture with a diagram.

(CO1/CO2)

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(2) TBC-502/TBI-501

2. (a) Define the following terms : (CO1/CO2)
- (i) DVM
  - (ii) DDMS
  - (iii) Toast
  - (iv) Content Provider
  - (v) OHA

OR

- (b) Illustrate android boot process with a neat flowchart. (CO1/CO2)
3. (a) Differentiate between Native apps and Hybrid apps. (CO1/CO2)

OR

- (b) Discuss various android files present in android studio. Explain the use of each file with examples. (CO1/CO2)

4. (a) Differentiate between MainActivity.this and getApplicationContext( ) method. (CO1/CO2)

OR

- (b) Discuss various app components with examples. (CO1/CO2)

(3)

5. (a) Define view class in android. List out various view components with example.

(CO1/CO2)

OR

- (b) What do you mean by the term Android SDK ? (CO1/CO2)