

Roll No.

Total No. of Pages : 02

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B.Tech.(CSE) (Sem.-6)
MOBILE APPLICATION DEVELOPMENT

Subject Code :BTCS620-18

M.Code :79258

Date of Examination : 18-12-2025

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A

1. Explain briefly :

- a) Mobile Platforms
- b) Intent
- c) Testing Tools
- d) Activity
- e) AVD
- f) DVM and JVM
- g) Content Provider
- h) Toast
- i) Status Bar
- j) Android Stack

SECTION-B

2. Discuss Native data handling and mobile databases.
3. Discuss the Service life cycle in detail.
4. Build an app to differentiate between TimePicker and DatePicker.
5. Write a note on text-to-speech techniques.
6. Describe these App components – Intent, Broadcast receiver and content provider.

SECTION-C

7. Describe in detail peer-to-peer architecture and mobile agents.
8. Explain the process of testing and deployment of Mobile Apps.
9. Discuss the various app use interface designing, fragments, VUIs and Layouts.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.