

Roll No.

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Total No. of Pages 02

Total No. of Questions : 07

BCA (Sem.-6)
ANDROID PROGRAMMING
Subject Code : UGCA-1943
M.Code : 91681
Date of Examination : 05-05-2025

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 **SIX** questions carrying **TEN** marks each and students have to attempt any **FOUR** questions.

SECTION-A

1. Answer briefly :

- a) Explain with example the need and significance of Async tasks.
- b) What is the significance of the term 'interaction among activities'?
- c) Explain explicit intent.
- d) What do you mean by term availability?
- e) Define debugging.
- f) Explain term activity.
- g) Why security feature is required in mobile applications?
- h) What do you mean by default resources?
- i) What is the future of an android OS?
- j) What is the importance of design principles?

SECTION-B

2. What do you mean by enterprise requirements in mobile applications? Explain in detail.
3. Explain characteristics and applications of mobile applications.
4. What do you mean by integrated cloud services? Explain in detail.
5. Explain in detail the architecture of Android OS.
6. Explain white box testing and black box testing with suitable examples.
7. What do you mean by Mobile Software Engineering? Explain in detail.

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