Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐   Total No. of Pages : 02

Total No. of Questions : 07

B.Sc.(IT) (2015 & Onwards)   (Sem.–6)
# MOBILE APPLICATION DEVELOPMENT
Subject Code : BSIT-601

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

Q1. **Write short notes on following with the help of example/diagram if needed :**

a) What is Android?

b) What do you mean by android activities?

c) Define user interface.

d) What are design standards of a user interface?

e) Describe briefly about the content of menus.

f) Write a brief note on Options Menu.

g) What are the layers present in the android architecture?

h) What is Persisting data in SQLite?

i) What are the essential tasks involved in publishing a Mobile Application?

j) Define the role of GPS in Android devices.

SECTION-B

Q2. Write short notes on following :

a) Activity Life Cycle

b) Android Stack

Q3. a) Explain in detail about user interface and its types?

b) Explain in detail the importance of delivery of Mobile Application?

Q4. What is SQLite database? Explain the process and code of connecting to a Database.

Q5. Explain in detail about Android Architecture.

Q6. Explain Database Cursors and its types in detail.

Q7. a) Describe the process of mobile application for integration with GPS.

b) What is a web service? Why it is required? How a web service can be consumed in an Android application.

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.

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