

Roll No.

--	--	--	--	--	--	--	--	--	--	--	--

Total No. of Pages : 02

Total No. of Questions : 09

B.Voc. (Software Development) (Sem.-4)
ANDROID APPLICATION DEVELOPMENT

Subject Code : 6.GV.06

M.Code : 80000

Date of Examination : 07-07-22

Time : 3 Hrs.

Max. Marks : 30

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying ONE mark each.
2. SECTION-B contains FIVE questions carrying 2¹/₂ (Two and Half) marks each and students has to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying FIVE marks each and students has to attempt any TWO questions.

SECTION-A

I. Define the following terms:

- a) GPS
- b) SQLite database
- c) JSON
- d) Animation
- e) Gyroscope
- f) Google Play
- g) Fragments
- h) Eclipse
- i) SDK
- j) AndroidManifest.xml

SECTION-B

2. What are steps to create Android Emulator? Also, list down some Android Development tools.
3. Explain in brief-
(a) Image View (b) Image Switcher (c) Grid View (d) Digital Clock & Analog Clock Views
4. Discuss View Animation and Drawable Animation with suitable examples.
5. Explain these concepts of network communication- (i) Web Services (ii) HTTP Client (iii) XML and JSON
6. Discuss the concept of Google Analytics and explain how to publish and distribute your app.

SECTION-C

7. Discuss the android architecture in detail with a suitable diagram. Also, explain android stack and android applications structure.
8. Explain various concepts and building blocks of menus, dialogs, orientation and movement.
9. What is the importance of Google Maps and GPS? How to use GPS to find current location? Explain in detail with the help of real world applications.

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.