

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 09

B.Voc. (WTM) (Sem.-5)

ANDROID APPLICATION DEVELOPMENT

Subject Code : BVWM-502-19

M.Code : 90848

Date of Examination : 21-11-2023

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. Write briefly :

- a) What is SDK?
- b) What is Android Emulator?
- c) What is a service in Android? Write the latest version of Android.
- d) List the languages used to build Android.
- e) What is an activity?
- f) What are the intents in Android?
- g) Write at least 5 features of Android.
- h) What is the use of Bundle in Android?
- i) What is the difference between the check box and the radio button?
- j) What is the use of TimePicker and DatePicker view?

SECTION-B

2. Explain Android Architecture in detail.
3. What is meant by UI architecture? Discuss in detail.
4. Discuss the procedure to publish an App in Android, also write some Do's and Don'ts in Android market.
5. What are network communications and its types?
6. Develop an App and make use of checkbox and radio buttons.

SECTION-C

7. **Write a short note on:**
 - a) Google Maps to find the current location.
 - b) SQLite database, write the steps to create, open and close the database cursors.
8. What is a web service? Why is it required? How a web service can be consumed in an Android application?
9. Develop an app to include audio and to show a video in that app. Also include one option to record an audio in that app.

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.