

VidyaVikasMandal's
Shree Damodar College of Commerce & Economics, Margao-Goa
TY BVoc(ST) Semester-V, Semester End Examination January 2022
Mobile Application Development(STG501)

Duration: 2Hours

Max Marks: 60

Instructions: 1) Figures to the right indicate Full Marks.

2) All Questions are compulsory, however there are internal choices.

Q.1. Answer Any 5 of the following

5 x 2 = 10

- a) What is an Android Operating System? Give 1 example of device that uses Android.
- b) List out common features of Android OS.
- c) What do you mean by externalizing resources?
- d) What are Spinners?
- e) Which methods in intents are used to pass data from one activity to another?
- f) What are the various types of persistent storage?
- g) Mention the permissions to be included in Manifest to use internet resources.

Q.2. Answer the Following.

- A) Which are the different types of an android applications? Explain each one of them. (5)
 - B) Describe the different components of an android applications. (5)
- OR**
- C) Explain Android Architecture. (5)

Q.3. Answer the Following.

- A) Write an XML code to define a linear layout and add the following components. (5)
 - i. TextView
 - ii. EditText
 - iii. Button
 - iv. Radio button
 - v. Checkbox
- B) How to set and get the text from android edittext? Write the code. (5)

OR

- C) Define Fragments. What is the importance of using it? (5)

Q.4. Answer the Following.

- A) Define intents. What is the importance of using it? (5)
- B) What is a Toast in Android? Give the syntax of defining a toast and also give one example of defining a toast. (5)

OR

- C) What are broadcast receivers? Describe three different ways of sending broadcasts. (5)

Q.5. Answer the Following.

- A) Which method is used to read data from internal storage? Give the example code snippet. (5)
- B) Write the code snippet to store the data in shared preference file using an editor (5)

OR

- C) Give any 5 drawbacks of SQLite databases. (5)

Q.6. Answer the Following.

- A) Define alarms. How to set exact alarms? (5)
- B) What is a webview? Write the code snippet to show the remote URL content in webview. (5)

OR

- C) Write the steps to publish an android app on Google play store. (5)