



Daffodil International University
Department of Computer Science and Engineering
Faculty of Science & Information Technology
Midterm Examination Semester: Summer 2019
Course Code: CSE 334 Course Title: Wireless Programming
Course Teachers: All

Time: 1.5 hours

Full Marks: 25

Figures in the right-hand margin indicate full marks. Answer all the questions.

1. Suppose you want to build a simple Android application for checking prime number or not prime number. Your XML file includes one TextViews (id = t1), one EditText (id = e1), One Button (id = con). Based on this scenario answer the following questions.
 - a) Write down the java code from the above scenario. [5]
2.
 - a) Explain the four main components of android application. [3]
 - b) How to launch one activity from another activity using Intent, if needed provide necessary codes? [2]
3.
 - a) Write down the difference between Activity and Fragment class. Explain relationship between them. [3]
 - b) Write down the code for button click listener which will toast a long message saying "Daffodil International University". [2]
4.
 - a) What is API? Mention the necessity of defining API level in Android application. [3]
 - b) What is Orientation? Explain with example. [2]
5. Choose the correct answer and give the reason [5*1=5]
 - i) What is the role of broadcast receiver in android?
 - a. reacts on broadcast announcements
 - b. background functionalities as services.
 - c. passes data between activities.
 - d. none of the above
 - ii) How to pass the data between activities in Android?
 - a. Intent
 - b. Broadcast Receiver
 - c. Content Provider
 - d. Services
 - iii) Which ones are the Layouts in android?
 - a. Frame Layout
 - b. Constraint Layout
 - c. Linear Layout
 - d. All the above

iv) Specify the directory name where the XML layout files are stored

- a. /assets
- b. /src
- c. /res/values
- d. /res/layout

v) Which operating system is used as the base of the Android stack?

- a. Windows
- b. Linux
- c. Mac
- d. Unix



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