



SS – 774

V Semester B.Voc. (Information Technology) Degree Examination,
November/December 2018

(CBCS – Fresh – 2018-19 and Onwards)

505 : APPLICATION DEVELOPMENT WITH ANDROID

Time : 3 Hours

Max. Marks : 70

Instruction : Answer *all* Sections.

SECTION – A

I. Answer **any ten** of the following : (10×2=20)

- 1) What is AOSP ?
- 2) Explain the purpose of widget.
- 3) How to update the ADT plugin ?
- 4) What are the conditions to determine responsiveness of Android monitors ?
- 5) Explain the purpose of Android emulator.
- 6) What does Android debug bridge do ?
- 7) How to assign user interfaces to activities ?
- 8) What is the function of visible lifetime ?
- 9) What is excessive views ?
- 10) List any two Android fragment classes.
- 11) Name the file management tools.
- 12) Write the steps to replace the native dialer.

SECTION – B

II. Answer **any five** questions : (5×10=50)

- 13) a) List the Android SDK features.
b) With neat diagram, explain Android software stack. (5+5)
- 14) a) Explain the steps for creating Android application.
b) List the types of Android applications. (5+5)

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- 15) a) What are the imposed design considerations of hardware ?
b) What are the Android development tools ? (5+5)
- 16) a) How to set application priority in an Android ?
b) Explain the phases of activity states. (5+5)
- 17) a) What are the fundamental Android UI design ?
b) Explain the fragment life cycle. (5+5)
- 18) a) Write a note on intents.
b) How intents are used to broadcast events ? (5+5)
- 19) a) How to create and save shared preferences ?
b) Explain the parts of preference framework. (5+5)
- 20) a) Explain how monitoring data connectivity and data transfer status changes.
b) How to send SMS message using the SMS manager ? (5+5)

SECTION - B