MCA.V/12.14.1149 Reg. No. | | | | | | | | | D

MCA DEGREE V SEMESTER EXAMINATION DECEMBER 2014

CAS 2504/2505 ANDROID APPLICATION PROGRAMMING

(Supplementary – Old Scheme)

Time: 3 Hours Maximum Marks: 50

PART A

(Answer ***ALL*** questions)

(15 × 2 = 30)

I. (a) What is Dalvik Virtual machine?
(b) Explain the types of android applications.
(c) Discuss the features of android design philosophy.

II. (a) Explain the use of dimen tag.
(b) What is mean by intents?
(c) Explain the layout classes available in the android layout managers.

III. (a) Discuss the android techniques for saving data.
(b) Discuss android database design considerations.
(c) Explain the use of content resolver.

IV. (a) Discuss the elements of location based services.
(b) Explain the use of geocoder class.
(c) Discuss the use of overlays.

V. (a) What is presence and contact roster?
(b) Explain the intent actions to dial a number.
(c) Explain the methods used to control bluetooth hardware.

PART B

(5 × 4 = 20)

VI. Explain android software stack.

OR

VII. Discuss various android development tools.

VIII. Explain the building blocks for android applications.

OR

IX. Explain the priority tree used to determine the order of android application termination.

X. Explain the features of SQLite.

OR

XI. Explain the concept of content providers.

XII. Discuss the classes used to support android maps.

OR

XIII. What is mean by services? Disuses any two services.

XIV. Explain the working of sensor manager.

OR

XV. Explain the strategies for monitoring and managing internet connectivity in android.

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