

CBCS Scheme

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16SFC423

Fourth Semester M.Tech. Degree Examination, June/July 2018 Mobile Device Forensics

Time: 3 hrs.

Max. Marks: 80

Note: Answer FIVE full questions, choosing one full question from each module.

Module-1

- 1 a. Explain Basic commands of Linux and Forensics. (08 Marks)
b. Explain Internationalization in Android Forensics. (08 Marks)

OR

- 2 a. Describe android open source project. (08 Marks)
b. Discuss android platform in brief. (08 Marks)

Module-2

- 3 a. Explain overview of android core components. (08 Marks)
b. Explain the overview of different android device types. (08 Marks)

OR

- 4 a. List the manufacturers of android devices and explain android updates. (08 Marks)
b. Explain the boot process of android in detail. (08 Marks)

Module-3

- 5 a. Explain Android OS architecture in detail. (08 Marks)
b. Explain how Android SDK components Install on OSX. (08 Marks)

OR

- 6 a. Explain how to create on AVD on android SDK. (08 Marks)
b. Explain how is the SDK important in forensics. (08 Marks)

Module-4

- 7 a. Explain android devices memory in detail. (08 Marks)
b. Explain Android file system in detail. (08 Marks)

OR

- 8 a. Analyse data stored in the shell for android device forensics. (08 Marks)
b. Explain mounted file systems and directory structures of android devices in detail. (08 Marks)

Module-5

- 9 a. Explain APP development security strategies in detail. (08 Marks)
b. Explain corporate security strategies in detail. (08 Marks)

OR

- 10 a. Explain data theft targets and attack vectors in detail with respect to android device. (08 Marks)
b. Explain security considerations in android devices. (08 Marks)

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Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and /or equations written eg. 42+8 = 50, will be treated as malpractice.