



QP CODE: 25024437



25024437

Reg No : .....

Name : .....

**M.Sc DEGREE (CSS) EXAMINATION, APRIL 2025**

**Fourth Semester**

MSc CYBER FORENSICS

**ELECTIVE - CF800403 - MOBILE FORENSIC ANALYSIS**

2019 ADMISSION ONWARDS

45CCED94

Time: 3 Hours

Weightage: 30

**Part A (Short Answer Questions)**

*Answer any **eight** questions.*

*Weight 1 each.*

1. What is reporting phase?
2. Describe ios.
3. What is Windows phone?
4. What is Windows phone file system?
5. What is a Linux kernel layer in Android?
6. What is USB debugging?
7. What is a logical data extraction?
8. What Chip-off?
9. Discuss Data execution prevention.
10. Explain Oxygen Forensic Suite 2014.

(8×1=8 weightage)

**Part B (Short Essay/Problems)**

*Answer any **six** questions.*

*Weight 2 each.*

11. Explain mobile forensic levelling system with corresponding figure?
12. Explain potential evidence stored on mobile phones?
13. What is TouchXperience?
14. Explain Android Debug Bridge.





15. Write a short note on Android device rooting.
16. Explain the process of recovering deleted data from an SD card.
17. Explain Autopsy tool.
18. Explain Acquisition via a custom ramdisk.

(6×2=12 weightage)

**Part C (Essay Type Questions)**

*Answer any **two** questions.*

*Weight 5 each.*

19. Explain mobile forensics and mobile forensics challenges?
20. Explain in detail about handling an Android device.
21. Explain physical data extraction in detail.
22. Explain (i) iPhone file system(ii) iOS Architecture

(2×5=10 weightage)

