Topic-1: Fundamentals of Digital Forensics

1. Define Digital Forensics and Computer Forensics along with differences.
2. When was Forensic Science Laboratory established in Nepal? What units or departments does it have?
3. When was CBI established in Nepal?
4. Explain CART.
5. What do you mean by SWGDE? What role does it play?
6. When was first international conference on computer evidence held?
7. The IOCE was formed in …………………
8. When did SWGDE publish “Best practices for Computer Forensics?
9. When was Budapest convention on cyber crime held? What was done during this convention?
10. Define ISO 17025.
11. Digital forensics requires a combination of “investigation, intelligence, and ……………………….”
12. What information’s could be obtained by conducting forensic investigation of digital evidences?
13. Explain Digital Forensic Process.
14. What do you mean by Memory Forensic?
15. How could “Inappropriate email and internet use in work place” be investigated. Explain.
16. “For evidence to be admissible it must be reliable and not prejudicial.” Explain the sentence.
17. What does ACPO mean. List out the principles of ACPO.
18. What do you mean by cyber-crime? List out some of the examples of cyber-crime.
19. What do you mean by identity theft? What consequences might it lead to?
20. Explain challenges encountered during Digital Forensics.
21. What does Anti-Forensic mean. List out some of the anti-forensic techniques.
22. What do you mean by steganography?
23. What does MAC time refer to? Why is it important to create timeline analysis while conducting forensic analysis?
24. What do you mean by Digital evidences?