

# **CYBER SECURITY ASSIGNMENT QUESTION**

## **DAY 72**

- 1. Explain the role of multimedia forensics in digital investigations. Discuss the challenges and techniques involved in analyzing multimedia files such as images, audio recordings, and videos for forensic purposes.**
- 2. Discuss the significance of internet forensics in investigating cybercrimes and online misconduct. Explain how internet forensics techniques are used to trace digital evidence, identify perpetrators, and gather intelligence from online sources.**
- 3. Explain the process of conducting multimedia forensics analysis on digital images. Discuss the steps involved in detecting image tampering, authenticating images, and extracting metadata for forensic examination.**
- 4. Discuss the challenges and ethical considerations associated with internet forensics investigations. Explain how factors such as privacy, data protection, and jurisdictional issues impact the conduct of online forensic examinations.**
- 5. Explain the concept of steganography and its relevance to multimedia forensics. Discuss how steganographic techniques are used to conceal information within digital images and videos, and explain the challenges in detecting steganography in forensic examinations.**