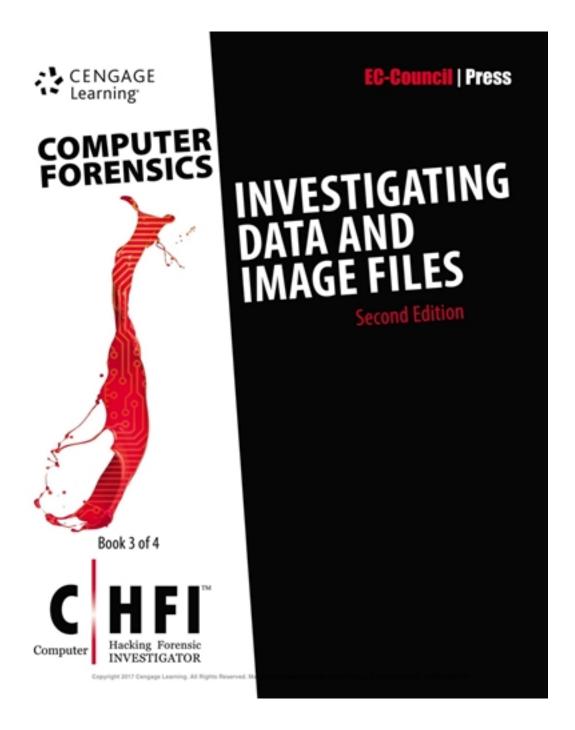
Test Bank for Computer Forensics Investigating Data and Image Files CHFI 2nd Edition by EC-Council

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Test Bank

MULTIPLE CHOICE

1 : Which of the following	can be described	as the practice of	of embedding hidd	len messages
within a carrier medium?				

A: Encryption

B: Steganography

C: Hashing

D: Cryptography

Correct Answer: B

2: In a stegosystem, what is used to encrypt and decrypt a message?

A: cipher

B: stego-medium

C: stego-key

D: hash

Correct Answer: C

3: In steganography, what is used to hide a message?

A: Stego-medium

B: Stego-channel

C: Cover medium

D: Cover channel

Correct Answer: C

4: What technique is used to hide information through the use of signs or symbols?

A: Open codes

B: Covered ciphers

C: LSBs

D : Semagrams

Correct Answer: D

5 : In which digital steganography technique is the rightmost bit in the binary notation substituted with a bit from the embedded message?

A: least-significant-bit (LSB)

B: most-significant-bit (MSB)

C: injection

D: perceptual masking

Correct Answer: A

6: Which digital steganography technique does an encoder perform a sequence of modifications to the cover that corresponds to a secret message?

A: Perceptual masking

B: A transform-domain

C: Injection

D : Distortion

Correct Answer: D

- 7: Which steganography technique assigns two synonyms primary and secondary values, which, when decoded, the primary value is read as 1 and the secondary as 0?
- A: Open code
- B: A semagram
- C: Syntactic steganography
- D: Semantic steganography

Correct Answer: D

- 8: Which technique for removing watermarks is carried out by searching for a number of different objects having the same watermark, allowing the forensic investigator to isolate and remove the watermark by comparing the copies?
- A: Jitter attack
- B: Collusion attack
- C: StirMark
- D: Echo hiding

Correct Answer: B

- 9: Which test, used to detect steganographic content, reveals that an image has been modified by examining the statistical properties of the original?
- A: color palettes
- B: appended spaces
- C: Stegdetect
- D: statistical tests

Correct Answer: D

- 10: Which attack on steganography presumes that the message and the stego-medium are present and the technique by which the message was embedded can be determined?
- A: Known-cover attack
- B: Known-message attack
- C: Chosen-message attack
- D: Chosen-stego attack

Correct Answer: B