Question 1

What are the three common operating systems available on smart cards?

Options:

A- JavaCard

B- Apple for Smart Cards

C- MULTOS

D- Linux for Smart Cards

E- Windows for Smart Cards

Answer:

A, C, E

Question 2

When using multiple alphabets, what type of cipher is being used?

Options:

A- Polyalphabetic Cipher

B- Multiple Cipher

C- Monoalphabetic Cipher

D- Confusion Cipher

E- Diffusion Cipher

Answer:

A

Question 3

Question Type: MultipleChoice

What are the four different modes of implementation of DES?

Options:

A- Stream Cycle Chaining (SCC)

B- Electronic Codebook (ECB)

C- Output Feedback (OFB)

D- Cipher Feedback (CFB)

E- Cipher Block Chaining (CBC)

Answer:

B, C, D, E

Question 4

Question Type: **MultipleChoice**

You are hired to consult on the creation of a new PKI for an organization. They have 100 offices all throughout the world. What PKI architecture is the most appropriate to implement in this scenario?

Options:

A- Mesh PKI

B- Nested PKI

C- Single CA

D- Hierarchical PKI

E- Functional PKI

Answer:

D

Question 5

Question Type: MultipleChoice

When using the 3DES encryption (C = E K1 [D K2 [E K1 [P]]]) , what is the function of P?

Options:

A- P is the text before encryption

B- P is the first encryption key

C- P is the second encryption key

D- P is the decryption key

E- P is the text after encryption

Answer:

A

Question 6

Question Type: **MultipleChoice**

Implementing digital signatures in your network requires the use of hashing. What are the two common methods of hashing?

Options:

A- RSA

B- MD5

C- SHA1

D- DES

E- Blowfish

Answer:

B, C