- A. Strong * (star) Property.
- B. Simple * (star) Property.
- C. * (star) Security Property.
- D. Discretionary Security Property.

Correct Answer: A QUESTION 1675

In a refinement of the Bell-LaPadula model, the strong tranquility property states that:

- A. Objects never change their security level.
- B. Objects can change their security level in an unconstrained fashion.
- C. Objects never change their security level in a way that would violate the system security policy.
- D. Subjects can read up.

Correct Answer: A

QUESTION 1676

The secure path between a user and the Trusted Computing Base (TCB) is called:

- A. Trusted facility management
- B. Trusted distribution
- C. Trusted path
- D. The security perimeter

Correct Answer: C

QUESTION 1677

Which standard below does NOT specify fiber optic cabling as its physical media?

- A. 1000BaseSX
- B. 100BaseFX
- C. 1000BaseCX
- D. 1000BaseLX

Correct Answer: C

QUESTION 1678

A secret mechanism that enables the implementation of the reverse function in a one-way function

is called a:

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- A. View
- B. Open door
- C. Trap door
- D. Data diode

Correct Answer: C

QUESTION 1679

A portion of a Vigenere Cipher square is given below using five (1, 2, 14, 16, 22) of the possible 26 alphabets. Using the key word bow, which of the following is the encryption of the word advance using the Vigenere cipher?

Vigenère Cipher																										
PLAINTEXT	Α	В	C	D	E	F	G	н	1	J	K	L	M	N	0	P	Q	R	S	Т	U	٧	W	X	Y	Z
1	ь	c	d	e	f	g	h	1	j	k	1	m	n	0	p	q	r	5	1	u	٧	w	х	у	z	a
2	c	d	e	1	g	h	1	ì	k	1	m	n	0	p	q	r	5	t	u	٧	w	×	у	z	a	ь
14	0	p	q	r	5	t	u	v	W	х	y	z	a	b	c	d	e	f	g	h	ì	1	k	1	m	'n
16	q	r	5	t	u	v	w	х	у	Z	a	ь	c	d	e	f	g	h	13	1	k	1	m	'n	0	p
22	w	x	y	z	a	ь	c	d	e	f	g	h	1	i	k	1	m	n	0	p	q	r	5	t	u	٧

- A. brrbbyf
- B. brrbbyh
- C. brrbcyf
- D. brrbjyf

Correct Answer: A

QUESTION 1680

The Clark-Wilson Integrity Model (d. Clark, d. Wilson, A Comparison of Commercial and Military Computer Security Policies, Proceedings of the 1987 IEEE Computer Society Symposium on Research in Security and Privacy, Los Alamitos, CA, IEEE Computer Society Press, 1987) focuses on what two concepts?

- A. Capability lists and domains.
- B. Least privilege and well-formed transactions.
- C. Separation of duty and well-formed transactions.
- D. Well-formed transactions and denial of service.

Correct Answer: C

QUESTION 1681

An associative memory operates in which one of the following ways?

- A. Searches for a specific data value in memory.
- B. Uses indirect addressing only.
- C. Returns values stored in a memory address location specified in the CPU address register.
- D. Searches for values in memory exceeding a specified value.

Correct Answer: A QUESTION 1682

The British Standard 7799/ISO Standard 17799 discusses cryptographic policies. It states, an organization should develop a policy on its use of cryptographic controls for protection of its information. When developing a policy, the following should be considered:

(Which of the following items would most likely NOT be listed?)

- A. The approach to key management, including methods to deal with the recovery of encrypted information in the case of lost, compromised or damaged keys.
- B. Roles and responsibilities.
- C. The management approach toward the use of cryptographic controls across the organization.
- D. The encryption schemes to be used.

Correct Answer: D

QUESTION 1683

The Common Criteria terminology for the degree of examination of the product to be tested is:

- A. Functionality (F)
- B. Target of Evaluation (TOE)
- C. Evaluation Assurance Level (EAL)
- D. Protection Profile (PP)

Correct Answer: C

QUESTION 1684

A form of digital signature where the signer is not privy to the content of the message is called a:

- A. Encrypted signature
- B. Zero knowledge proof
- C. Masked signature
- D. Blind signature

Correct Answer: D

QUESTION 1685

The Platform for Privacy Preferences (P3P) was developed by the World Wide Web Consortium (W3C) for what purpose?

- A. To monitor users.
- B. To implement public key cryptography for transactions.
- C. To evaluate a client's privacy practices.
- D. To implement privacy practices on Web sites.

Correct Answer: D

QUESTION 1686

Configuration management control best refers to:

- A. The use of privileged-entity controls for system administrator functions.
- B. Implementing resource protection schemes for hardware control.
- C. The concept of least control in operations.
- D. Ensuring that changes to the system do not unintentionally diminish security.

Correct Answer: D

QUESTION 1687

The following elements comprise a portion of what services?

- Digital certification
- Certification authority
- Timestamping
- Lightweight Directory Access Protocol (LDAP)
- Non-repudiation support
- A. Public Key Infrastructure (PKI)
- B. Wireless Application Protocol (WAP)
- C. IPSec
- D. Transaction Layer Security (TLS)

Correct Answer: A

QUESTION 1688

Theoretically, quantum computing offers the possibility of factoring the products of large prime numbers and calculating discreet logarithms in polynomial time. These calculations can be

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accomplished in such a compressed time frame because:

- A. A quantum computer takes advantage of quantum tunneling in molecular scale transistors. This mode permits ultra-high speed switching to take place, thus, exponentially increasing the speed of computations.
- B. Information can be transformed into quantum light waves that travel through fiber optic channels. Computations can be performed on the associated data by passing the light waves through various types of optical filters and solid-state materials with varying indices of refraction, thus drastically increasing the throughput over conventional computations.
- C. A quantum computer exploits the time-space relationship that changes as particles approach the speed of light. At that interface, the resistance of conducting materials effectively is zero and exponential speed computations are possible.
- D. A quantum bit in a quantum computer is actually a linear superposition of both the one and zero states and, therefore, can theoretically represent both values in parallel. This phenomenon allows computation that usually takes exponential time to be accomplished in polynomial time since different values of the binary pattern of the solution can be calculated simultaneously.

Correct Answer: D

QUESTION 1689

What is the result of the Exclusive or operation, 1XOR 0?

- A. 1
- B. Indeterminate
- C. 10
- D. 0

Correct Answer: A

QUESTION 1690

What information security model formalizes the US Department of Defense multi-level security policy?

- A. Stark-Wilson
- B. Clark-Wilson
- C. Bell-LaPadula
- D. Biba

Correct Answer: C