In Monoalphabetic Ciphers, if we use Multiplicative cipher with K= (5) to encrypt the LAST letter in the world "CORONA", the result will be T O

In Monoalphabetic Ciphers, if we use Multiplicative cipher with K= (5) to encrypt the LAST letter in the world "CORONA", the result will be T O

قت المتبقي: 1 ساعة، 32 دقائق. 46 ثانية (ثوانٍ).	
الة إكمال الأسئلة:	
🕰 يمنع الانتقال إلى السؤال التالي إحراء تغييرات على هذه الإجابة،	
السؤال 5	
eviewing the physical security controls implemented by general management and information technology management but not responsible for risk assessments  True	.Information security management are responsible for reviews
False	
🗥 يمنع الدبيقال إلى السؤال التالي إجراء تغييرات على هذه الإجابة،	

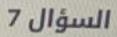
		ىىۋال 1
One of th	ne criteria for choosing biometrics means that every person	on using a system should own the trait, this is called Uniqueness
		Permanence O
		Universality
	Light 1	Performance O
	جابة.	— 🌙 🗥 يمنع الانتقال إلى السؤال التالي إجراء تغييرات على هذه الإ
	جابة.	👉 🛕 يمنع الانتقال إلى السؤال التالي إجراء تغييرات على هذه الإ

نع الانتقال إلى السؤال التالي إجراء تغييرات على هذه	چاپة.
event unauthorized access to the facility is called light of the second second light of the second s	perimeter control at the site location to
Security guards	
Walls and fencing and gates	
all are correct (	D3
🗥 يمنع الانتقال إلى السؤال التالي إجراء تغييرات على ه	الإجابة،

🗀 🗥 يمنع الانتقال إلى السؤال التالي إجراء تغييرات على هذه الإجابة.







Develop a large dictionary of possible passwords and try each against the password file

- Dictionary attacks
- Password crackers
- Rainbow table attacks O
- Man in the middle attack O

يمنع الانتقال إلى السؤال التالي إجراء تغييرات ع	على هذه الإجابة.	
8		
cial information technology infrastructu Information	re by using instead of missiles to bomb enemy's cruc	cyberterrorism, Internet can be used for information
Networks C		
Internet C	B	
Computers		
👉 🗥 يمنع الانتقال إلى السؤال التالي إجراء تغيير	ررات على هذه الإجابة.	
رين يسع السسال إدى السودال المالي إجرا		

🛶 🛕 يمنع الانتقال إلى السؤال التالي إجراء تغييرات على هذه الإجابة.

السؤال 19

In exhaustive-key-search attack

Attackers benefit from the patterns created in ciphertext O

Attackers benefit from statistical characteristics of language O

Attackers try to use all possible keys until the plaintext make sense O

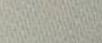
All of the above O

13

🛶 🗥 يمنع الانتقال إلى السؤال التالي إجراء تغييرات على هذه الإجابة،



🗀 🛕 يمنع الانتقال إلى السؤال التالي إجراء تغييرات على هذه الإجابة.



السؤال 20

Most hackers are amateurs with modest computer and net skills, though, they are dangerous since they

- use automated attack programs
  - use traditional programs O
  - use business programs O
  - use secured programs O

👉 🛕 يمنع الانتقال إلى السؤال التالي إجراء تغييرات على هذه الإجابة.



#### السؤال 12

In Monoalphabitical Ciphers, The relationship between a character in plaintext to character in ciphertext is

- many-to-many O
  - one-to-one
- one-to-many O
- many-to-one O

👉 🛕 يمنع الانتقال إلى السؤال التالي إجراء تغييرات على هذه الإجابة.

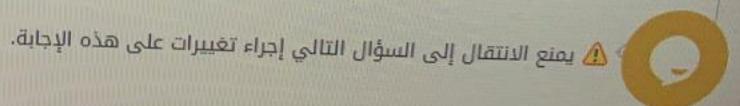
السؤال 16

.Computer systems security requires protection of both logical and physical assets

True

False O

B



🗥 🗥 يمنع الانتقال إلى السؤال التالي إجراء تغييرات على هذه الإجابة.

#### السؤال 28

The hash function creates a fixed-size digest from a variable-length message and Two messages will

- Create the same digest O
- Not create the same digest
- create multiple number of the same digest
  - None of the above

B

🗀 🕰 يمنع الانتقال إلى السؤال التالي إجراء تغييرات على هذه الإجابة.



A secrete entry point into a program that allows gain access without going through the usual security access procedure called

0

Logic bombs O

Trojan horses O

Trapdoors

Viruses O

← 🛕 يمنع الانتقال إلى السؤال التالي إجراء تغييرات على هذه الإجابة.



🕒 🛕 يمنع الانتقال إلى السؤال التالي إجراء تغييرات على هذه الإجابة.

#### السؤال 30

In Monoalphabetic Ciphers, if we use Multiplicative cipher with K= (4) to encrypt the SECOND letter in the world "CORONA", the result will be

NO

AC

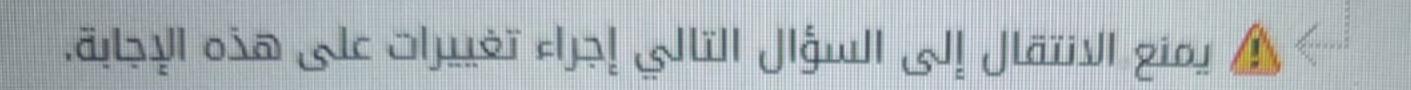
50

E O

🖊 🛕 يمنع الانتقال إلى السؤال التالي إجراء تغييرات على هذه الإجابة.

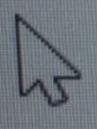


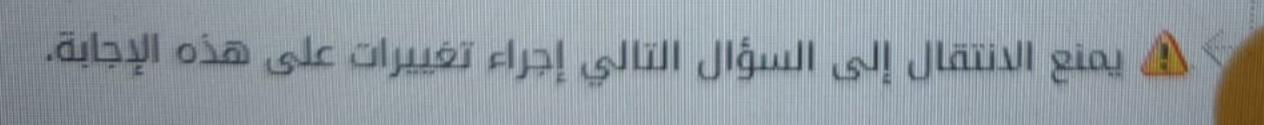
👉 🛕 يمنع الانتقال إلى السؤال التالي إجراء تغييرات على هذه الإجابة. لسؤال 2 In Monoalphabetic Ciphers, if we use Multiplicative cipher with K= (5) to encrypt the Third letter in the world "CORONA", the result will be x O 🛕 يمنع الانتقال إلى السؤال التالي إجراء تغييرات على هذه الإجابة، 拉 0 ٥ اكتب هنا للبحث



In brute force attack

- Attackers benefit from the patterns created in ciphertext O
- Attackers benefit from statistical characteristics of language
  - A and B are both correct O
    - None of the above





🕒 🛕 يمنع الانتقال إلى السؤال التالي إجراء تغييرات على هذه الإجابة.

### السؤال 37

.The process of presenting an identifier to the security system is the ..... step

authentication O

verification O

identification O

clarification O

🗀 🛕 يمنع الانتقال إلى السؤال التالي إجراء تغييرات على هذه الإجابة.



The proxy is same as firewall

The proxy maybe software or hardware solution

The proxy is only a software solution 💿

None of the above  $\, \bigcirc \,$ 

.It is used in government, military, and financial environments, where higher security is required

Discretionary access control

Role-based access control 

Mandatory access control 

Attribute-based access control

.It is used in government, military, and financial environments, where higher security is required

Discretionary access control

Role-based access control 

Mandatory access control 

Attribute-based access control

Uniqueness O Permanence O

Universality

Performance O

False

. Mobile systems are installed in vehicles that perform the function of a structure, but at a fixed location  $\hfill\Box$  True  $\hfill\Box$  Facilities are those technical and human services that support the operation of the system are called Supporting facility

Operating location

Physical facility Access control

In Password selection strategies, users are provided with guidelines for selecting passwords which is called Proactive password checking

User Education 🔘

Computer-generated passwords

Reactive password checking

In Asymmetric method, receiver of the cipher text decrypt the massage by sender public key

receiver private key

sender private key

receiver public key

many-to-many

one-to-one

many-to-one

In Polyalphabetic Ciphers, The relationship between a character in plaintext to character in ciphertext is one-to-many

It refers to the audit logs and tracking user activity

Authentication  $\bigcirc$ 

Authorization  $\bigcirc$ 

Identification  $\bigcirc$ 

Accountability

In Monoalphabetic Ciphers, if we use Multiplicative cipher with K= (4) to encrypt the FIRST letter in the world "CORONA", the result will be



locks can be integrated into alarm systems and sensors to create various combinations of locking behavior are called

Manual locks

Programmable locks 

Electronic locks 

Biometric locks

The process of access control procedure can be ordered as following

Identification - Authentication - Authorization - Accountability

Authentication -Identification - Authorization - Accountability

Accountability - Authentication - Authorization - Identification

Authorization - Authentication - Identification - Accountability

.A program that hides inside another program or disguises itself as a legitimate program

Trojan 🔘



Hoax O



Worm O

.In the Playfair Cipher, if the two letters are located in the same row, the cipher is the next letter to the .....in the same row Down O

Up O

Left O



Right

# One of the criteria for choosing biometrics means that the trait should be different for individuals in relevant population so that they can be distinguished from one another, this is called

السؤال 21

Uniqueness 💿 Permanence O

Universality O

Performance O

In brute force attack

Attackers benefit from the patterns created in ciphertext

Attackers benefit from statistical characteristics of language

A and B are both correct  $\, \bigcirc \,$ 

None of the above

.To check the integrity, we run the...... again and compare the new digest with the previous one

Digital signature

Intrusion detection

None of the above

.This part shows how a virus spreads by modifying other code to contain a copy of the virus  $\hfill\Box$  Infection Mechanism  $\hfill\Box$ 

Infection Mechanism 

Trigger 

Payload

None of the mentioned

.In the Playfair Cipher, if the two letters are located in the same column, the cipher is the next letter to the ...... in the same column Down O

Up O Left O



.A ...... can not run independently, it requires a host program to run and activate them  $\hfill \Box$  . Worm  $\hfill \Box$ 

Virus O

Logic Bomb O

All the mentioned a, b and c

It is a mean of authenticating user identity which is based on something the individual possesses  $\,\,$  Voice pattern, handwriting  $\,\,$ 

Fingerprint, retina, face 
Smartcard, electronic keycard, physical key

Password, PIN, answers to prearranged questions

Honeypots is a relatively recent revolution in Proxy systems

firewall systems

Intrusion detection systems O

All of the above

False  $\bigcirc$ 

.A proxy server can secure or block the host from users accessing the site from the Internet

True

.Physical security protects physical resources as people, hardware, but not data transmission

False 🔘

True 🔾



Examples of physical security threats is showing the system to war gases. True 🔘

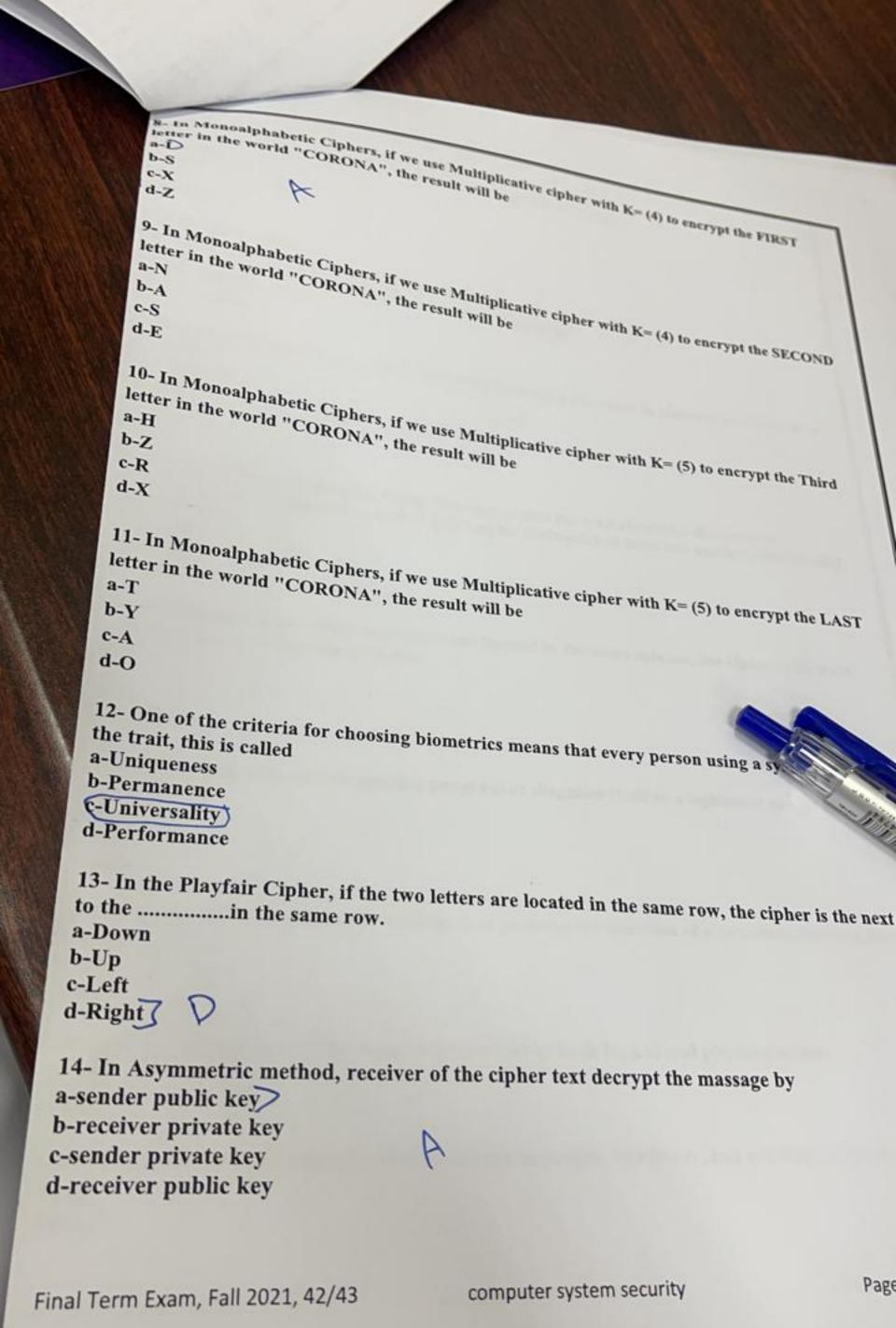


Answer:	answer the following questions s control model (3 marks)	[10 marks]
2. Ma C. Tionau	answer the following questions  s control model (3 marks)  y. a.c.e.s	
B. List three disadvantages  Answer:  1-Fivewall represent	nts a single point of fail snetwork performancedue	we,
C. List four Approches of storting pa		
lear password		
T. WOY. O.		
ashed ~		
alted ~		
alted ~	x. <u>k</u>	

End of the exam, All the best, Dr. Mohammed AlZain Final Term Exam, Fall 2021, 42/43

computer system security

Page 6 of 6



oalphabetic Ciphers, if we use Multiplicative cipher with K=(4) to energy the right the world "CORONA", the result will be In Monoalphabetic Ciphers, if we use Multiplicative cipher with K= (4) to encrypt the tter in the world "CORONA", the result will be 0-In Monoalphabetic Ciphers, if we use Multiplicative cipher with K tter in the world "CORONA", the result will be A. E 1-In Monoalphabetic Ciphers, if we use Multiplic etter in the world "CORONA", the result will be ·HV R \* 12-One of the criteria for choosing h he trait, this is called 3-Uniqueness b-Permanence Tiniversality / Cinher cormance.

Infection Mechanism ion Mechanism Trigger Payload

None of the mentioned)

number 1	Correct	Your Answe Statement number	Correct choice	Statement number	Correct
2		11	C	21	В
3		12	C	22	A
4		13	D	23	B
	a	14	a	24	A
5	a	15	D	25	B
6	a	16	0	26	P
7	C	17	B	27	A
8	a	18	A	28	B
9	0	19	0	29	0
10	Δ	20	À	30	0