

Serial Number
Section Number

Use the correct answer, and fill the table below:

1	2	3	4	5
a	A	d	C	X

(4)

Copyright
general
descriptive
arbitrary

1. have a tangible form and an essential value.
(a) Computer Products (b) Software (c) Services (d) none of stated
2. If the Computer Software is canned, It is considered as:
(a) Product (b) Service (c) Mixed case (d) none of stated
3. King Saud University Logo is an example of
(a) Copyright (b) Patent Document (c) Trade secret (d) Identity right
4. Google Search Algorithm is an example of
(a) Copyright (b) Patent Document (c) Trade secret (d) Identity right
5. Is a hacker who downloads small programs and uses them to commit unlawful acts or to create harms.
(a) Cracker (b) Vandals (c) Script Kiddies (d) none of stated

Question 2: Decide whether each of the following statements is true or false:

1	2	3	4	5
False	False	False	True	False

(5)

Computer Crimes are illegal acts that involves computer system only (False)
if a Copyright expired, the work still in private domain (False)

3. The first use for Hacker terminology was to describe someone who are using computers without authorization(F)

4. A computer Services have an essential value but no tangible form(T)

5. The Object Code is comes as a result of implementing the flowchart using a programming language(F)

Question3: Match each number in column A with definition in column B

1. Phishing	3	Is a type of network security attack in which the attacker takes control of a communication
2. Spoofing	4	It refers to use of electronic messaging systems to send unwanted messages to users.
3. Hijacking	1	It is an attack that uses e-mail that is often appear to come from a legitimate e-mail address and include links to spoofed web addresses.
4. Spamming	5	It is the use of communication technology to torture individuals.
5. Cyber stalking	2	It is the act of pretending to be someone else by using someone else's identity as one's own.

Bounce Question: Choose one of the following question and answer it. If you solve the two questions, the 1st question will considered. (2 Marks)

1) What are the **Social Consequences** for computer crimes?

2) State the phases that are considered when developing a **Computer Software**.

The social consequences are: 1) Psychological effects
2) moral decay 3) loss privacy 4) less trust

1) logical map

2) source code

3) object code

4) memory-based executable code

6. There are two types of anonymity:

- ☒ a) Pseudo identity, and Untraceable identity
- b) Security and Privacy
- c) Short time and long life
- d) None of above

7. Are programs written for and installed on the communication channels to eavesdrop on network traffic.

- a) Viruses
- ☒ b) Firewalls
- c) Proxy
- ☒ d) Sniffers

8. In scientific paper, Any table or figure must be described by its:

- a) Full description about the table/figure
- b) Source location
- ☒ c) Caption and title
- d) None of above

9. You should provide full details in the section so the experiments are reproducible

- a) Title
- b) Abstract
- c) Summary
- ☒ d) Method section

10. Fingerprints, iris, and DNA are an examples of :

- ☒ a) Implementing Privacy
- b) Detecting anonymity
- c) Implementing security
- d) None of above

Question 1: Choose the correct answer, and fill the table below (5 Marks)

4-5

1	2	3	4	5	6	7	8	9	10
b	b	a	c	d	a	d	c	d	d

1. Is a type of anonymity Servers where no identifying information is forwarded in packet header
 - a) Pseudonymous server
 - ☒ b) Full anonymity servers
 - c) Anonymity users
 - d) All of above
2. Is a part of a scientific research which the experimental design is described.
 - a) The introduction
 - ☒ b) The methods
 - c) The summery
 - d) The acknowledgement
3. Citation in text is followed by the author's last name and year of publication between parentheses
 - ☒ a) Harvard format
 - b) Alphabet-Number system
 - c) Citation order system
 - d) None of above
4. The reference list is arranged by the number given to the citation by the order that were mentioned in the text
 - a) Harvard format
 - b) Alphabet-Number system
 - ☒ c) Citation order system
 - d) None of above
5. The emotivism theory is based on
 - a) The capabilities of the actor
 - b) Is the action is done as a duty
 - c) The result of the actions
 - ☒ d) Ethical statements is neither true or false but depends on the individuals

Question 2: Decide whether each of the following statements is true or false (5 Marks)

1	2	3	4	5	6	7	8	9	10
T	T	F	F	T	F	F	T	F	F

- 1) The functional definition of ethics depends on two factors which are: human actions and ethical theories (T)
- 2) Morality has no reference to social standing of Individuals (T)
- 3) One of the objectives of the code of ethics that it can be considered as an educational source for new members only (F)
- 4) Books is a good reference since it gives the latest research in the topic you studied (F)
- 5) The abstract is a part of a scientific paper which summarize the major elements of the paper (T)
- 6) The Summary is to give a credit to those who helped you (F)
- 7) In Harvard formatting style the references are numbered in the ordered they are mentioned in the text (F)
- 8) Any paper that are not cited in the text should not be included in the reference list (F)
- 9) In scientific papers data can be presented only by tables (F)
- 10) The scientific paper should be written in present tense although it doesn't published yet (F)

Question 3:

a. Match each number in column A with definition in column B (3 Marks)

1) anonymity	3 ✓	Is a string of six or more to verify a user to an information system facility.
2) Firewall	4 ✓	Is the science of writing and reading coded messages to insure a secure communication.
3) password	2 ✓	It is used to isolated the sensitive portions of an information system facility from the outside world
4) cryptography	1 ✓	The state of being nameless, having no identity
5) referencing	8 ✓	Is to interpret the findings of the study.
6) scientific research	5 ✓	Is a standard way of acknowledging the sources of information that have used in your document.
7) Annotated bibliography	6 ✓	Is a systematic investigation of scientific theories and hypotheses.
8) Discussion	7 ✓	Is a list of all used sources with a brief description for each one of them.
9) Database surveillance	10 ✓	Tracking users' info through cookies
10) Internet surveillance	11 ✓	GPS takes images of our personal lives
11) Satellite surveillance	12 ✓	Microchips with personal and biometric info of user's authentication
12) Id card surveillance	9 ✓	Blacklist info and data theft

5

Question 5: answer each of the following questions (5 Marks)

- a) Give three resources for literature review for writing a scientific paper.

Book
journal article
Internet

4

- b) Give one advantage and one disadvantage for the anonymity.

Advantage: checking unhealthy activities on the organization

Disadvantage: when it's used by bad people for sinister or any thing like that

- c) What are the three elements involved in Information Security.

integrity
Confidentiality
Availability

d) Three companies want to communicate with each other but the communication between them is susceptible to be attached by *sniffers* to eavesdrop on the network traffic. Complete the picture below by applying asymmetric encryption for encrypting or decrypting the shown messages as requested.

Use the following abbreviation for your solution:

PUB(a) Public key for company A	PR (a) Private key for company A
PUB(b) Public key for company B	PR (b) Private key for company B
PUB(c) Public key for company C	PR (c) Private key for company C



