

Maharashtra Board Solutions Class 11-Information Technology: Chapter 4- Cyber Law

Class 11 - Chapter 4 Cyber Law



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Maharashtra Board Solutions Class 11-Information Technology: Chapter 4- Cyber Law

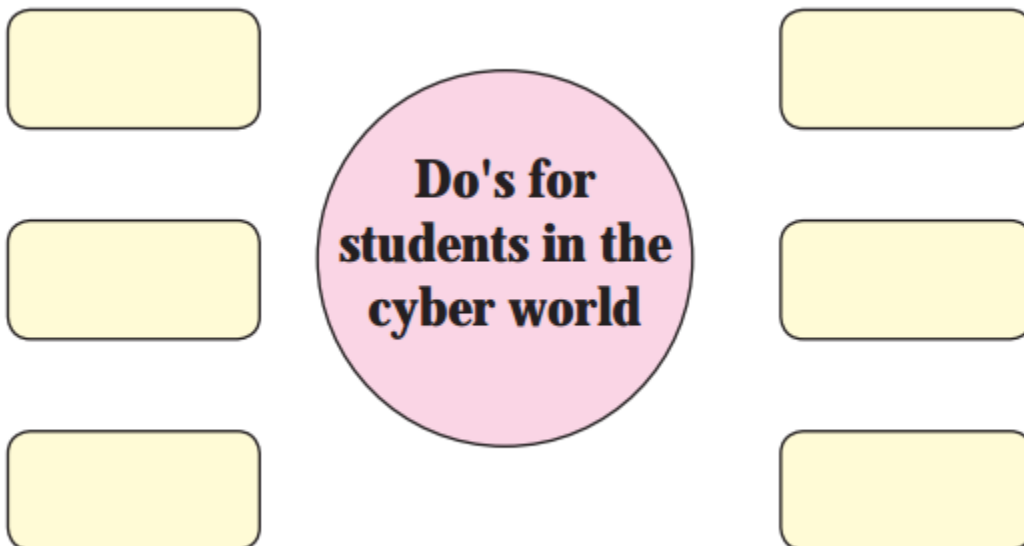
Class 11: Information Technology Chapter 4 solutions. Complete Class 11 Information Technology Chapter 4 Notes.

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Maharashtra Board 11th Information Technology Chapter 4, Class 11 Information Technology Chapter 4 solutions

1. Complete the following web.

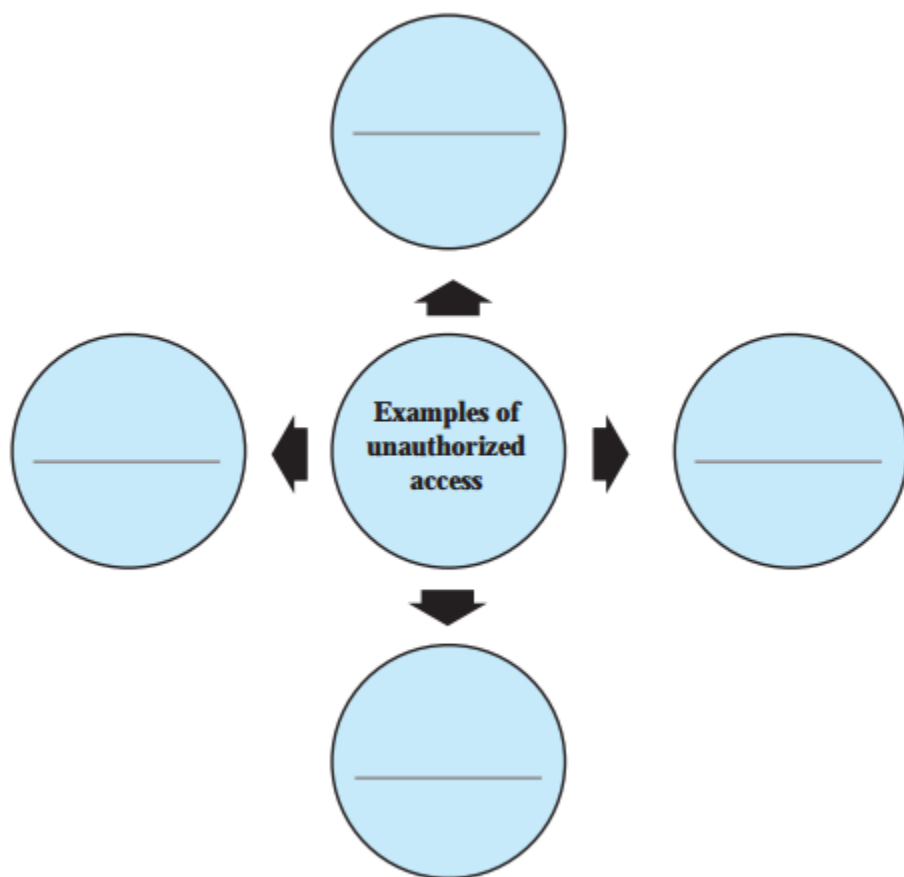
Question 1.



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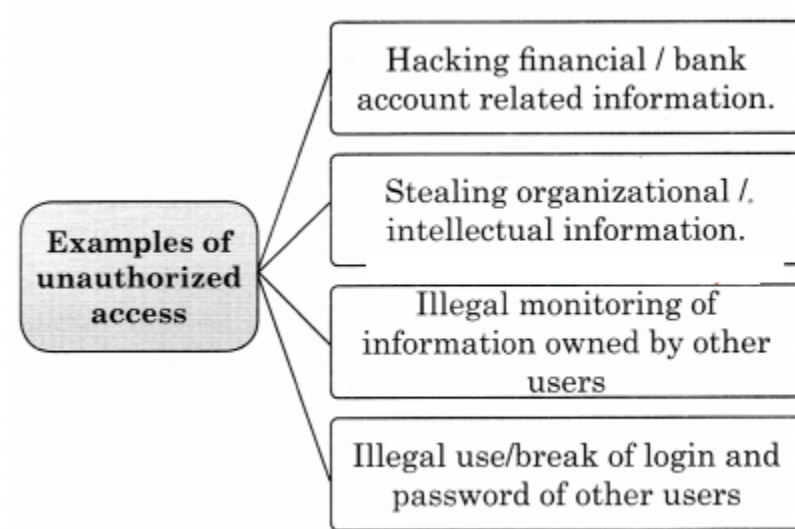
Answer:

1. Use the Internet for the knowledge base.
2. Use the Internet to communicate messages.
3. Respect the privacy of other users on the Internet.
4. Download legitimate and authentic programs from the Internet.
5. Use licensed software on your computer.
6. Check to see if the web address begins with https:// whenever you sign in.
7. Report and flag content that is abusive or illegal.

2. Complete the following chart.**Question 1.**

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Answer:



3. Fill the following boxes with the appropriate cybercrime name.

Question 1.

Copyright violation of software created originally by an individual.



Answer:

Software Piracy

Question 2.

Gaining access without the user's permission.

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Answer:

Unauthorized Access

Question 3.

Extracting confidential information by email.



Answer:

Phishing

4. Read the following and answer the question.

Rahul lost his pen drive in his college computer lab. His classmate Madhav finds it. He carries it home to return it to him the next day. When Madhav opens it he finds his favourite game. He thinks of making a duplicate copy of the game software.

Question I.

Does Madhav think ethically?

Answer:

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No

Question II.

What do you think should Madhav do?

Answer:

Madhav should return back the pen drive. He has done unauthorized access.

Question III.

If he makes a duplicate copy then which cybercrime will he commit?

Answer:

Software Piracy

5. Answer in brief.

Question 1.

What care should be taken by the user while doing online activities?

Answer:

1. Stick to copyright restrictions when downloading anything from the internet.
2. Use strong passwords with combinations of numbers. Uppercase and lowercase letters and special characters.
3. Always scan files before opening them.
4. Don't talk to strangers.
5. Think before posting something on social media related to any sensitive topic like politics, religion, etc.
6. Report to the service provider if the account is hacked; if possible deactivate your account.
7. Whenever you sign in online check if the web address begins with https: //

Question 2.

Define the terms (1) Ethics (2) Moral

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Answer:

Ethics:

Ethics also called moral philosophy is the discipline concerned with what is morally good and bad, right or wrong.

Moral:

The standards of behaviour; principles of right and wrong behaviour. Thus morals are dictated by society, culture, or religion while ethics are chosen by the person himself which governs his life.

Question 3.

Explain three examples related to unauthorized access?

Answer:

1. Hacking financial/bank account-related information.
2. Stealing organizational/intellectual information.
3. Illegal monitoring of information owned by other users.
4. Illegal use/break of login and password of other users.
5. Causing intentional irritation to other users by means of damaging software and important information.

Question 4.

Explain software piracy and Hacking.

Answer:

Software piracy:

Software piracy is the illegal copying, distribution, or use of the software. It is such a profitable “business” that it has caught the attention of organized crime groups in a number of countries. According to the Business Software Alliance (BSA), about 36% of all software in current use is stolen.

Hacking:

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Hacking refers to unauthorized intrusion into a computer or a network. Hacker is a person intensely interested in the deep and hidden or concealed working of any computer operating system and programming language. They might discover loopholes within systems and reasons for such loopholes.

6. State true or false.

Question 1.

A firewall is used to encrypt the transmission of data.

Answer:

True

Question 2.

The standards of behaviour; the principle of right or wrong are referred to as moral.

Answer:

True

Question 3.

Hacking bank account-related information is an example of software piracy.

Answer:

False

Question 4.

Phishing is representing someone else's work as own without permission.

Answer:

True

7. Match the following.

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Question 1.

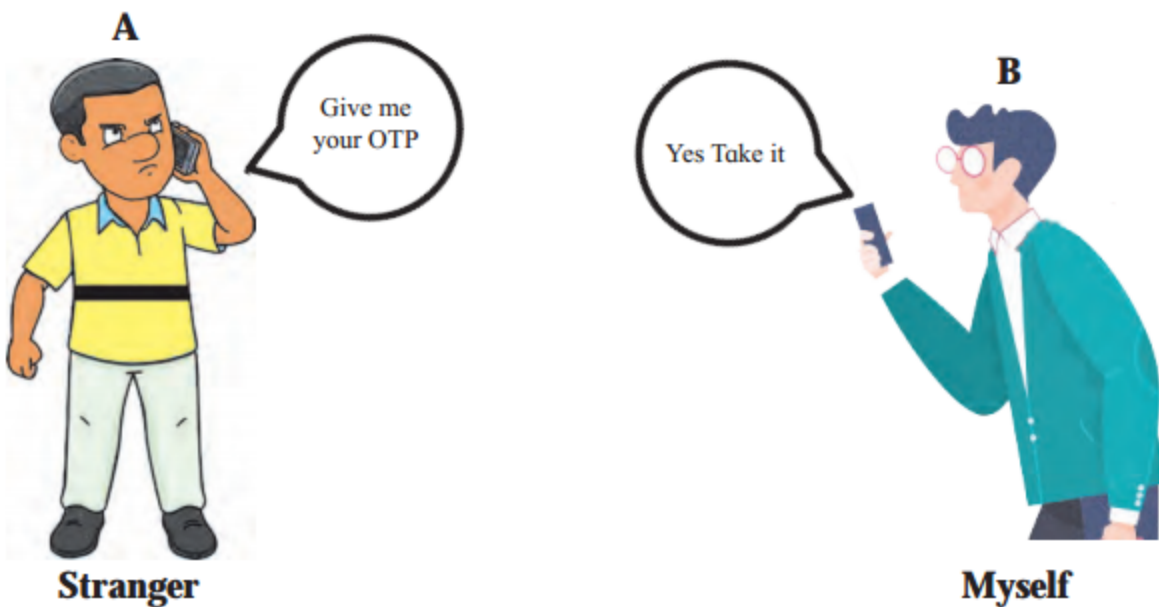
- | | |
|-----------------------------|---------------------|
| (A) | (B) |
| (1) Copying a game file | (a) Firewall |
| (2) Law related to internet | (b) Cyberthreat |
| (3) Network security | (c) Software piracy |
| (4) System crashes suddenly | (d) Cyber Law |

Answer:

- | | |
|-----------------------------|---------------------|
| (A) | (B) |
| (1) Copying a game file | (c) Software piracy |
| (2) Law related to internet | (d) Cyber Law |
| (3) Network security | (a) Firewall |
| (4) System crashes suddenly | (b) Cyberthreat |

8. Observe the following picture and give your opinion about it by responding to the following questions.

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**Question 1.**

Is 'B's response correct or not?

Answer:

No B's response is not correct.

Question 2.

What will be the consequences of 'B's reply?

Answer:

With all such crucial information like OTP in hand, the fraudster can easily carry out illegal financial transactions using B's identity.

Question 3.

Which type of cybercrime does the picture depict?

Answer:

Fake Call Frauds

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Maharashtra Board Solutions

Class 11 Information Technology

- Chapter 1- Basics of Information Technology
- Chapter 2- Introduction to DBMS
- Chapter 3- Impressive Web Designing
- Chapter 4- Cyber Law

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About About Maharashtra State Board (MSBSHSE)

The Maharashtra State Board of Secondary and Higher Secondary Education or MSBSHSE (Marathi: महाराष्ट्र राज्य माध्यमिक आणि उच्च माध्यमिक शिक्षण मंडळ), is an **autonomous and statutory body established in 1965**. The board was amended in the year 1977 under the provisions of the Maharashtra Act No. 41 of 1965.

The Maharashtra State Board of Secondary & Higher Secondary Education (MSBSHSE), Pune is an independent body of the Maharashtra Government. There are more than 1.4 million students that appear in the examination every year. The Maha State Board conducts the board examination twice a year. This board conducts the examination for SSC and HSC.

The Maharashtra government established the Maharashtra State Bureau of Textbook Production and Curriculum Research, also commonly referred to as Ebalbharati, in 1967 to take up the responsibility of providing quality textbooks to students from all classes studying under the Maharashtra State Board. MSBHSE prepares and updates the curriculum to provide holistic development for students. It is designed to tackle the difficulty in understanding the concepts with simple language with simple illustrations. Every year around 10 lakh students are enrolled in schools that are affiliated with the Maharashtra State Board.

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As of now, the MSCERT and Balbharti are responsible for the syllabus and textbooks of Classes 1 to 8, while Classes 9 and 10 are under the Maharashtra State Board of Secondary and Higher Secondary Education (MSBSHSE).

How many state boards are there in Maharashtra?

The Maharashtra State Board of Secondary & Higher Secondary Education, conducts the HSC and SSC Examinations in the state of Maharashtra through its nine Divisional Boards located at Pune, Mumbai, Aurangabad, Nasik, Kolhapur, Amravati, Latur, Nagpur and Ratnagiri.

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