

Course Name: Ethics in Engineering Practice

Assignment - Week 4

TYPE OF QUESTION: MCQ/MSQ

Number of questions: 10

Total marks: 10 X 1 = 10

QUESTION 1:

Which of the following is NOT one of the objectives of the Paris Convention, 1967?

- a) Facilitating the protection of industrial property
- b) Ensuring the availability of affordable medicines
- c) Promoting international cooperation in the protection of industrial property
- d) Preventing unfair competition

Correct Answer: b

Detailed Answer:

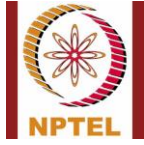
Paris Convention aims to facilitate the protection of industrial property, promote international cooperation in this field, prevent unfair competition, and promote economic and technological development.

QUESTION 2:

Sarah is an author who has just published her first novel in her home country. She is interested in having her book translated into other languages and sold in foreign countries. Which principle of the Berne Convention, 1971 will allow Sarah to obtain protection for her book in foreign countries without having to register her copyright separately in each country?

- a) The principle of automatic protection
- b) The principle of national treatment
- c) The principle of right of reproduction
- d) The principle of minimum standards of protection

Correct Answer: a



Detailed Answer: The Berne Convention provides for automatic protection of copyright in the countries that are members of the Convention, without the need for registration or other formalities. This means that Sarah's book will be protected in foreign countries that are members of the Berne Convention as soon as it is published in her home country.

QUESTION 3:

A company hired a new employee who was responsible for managing the company's financial accounts. The employee had access to the company's banking information, including usernames and passwords. After a few weeks, the company noticed that a significant amount of money was transferred to an unknown account. The company investigated and found that the new employee had transferred the money to his personal account using the company's banking information.

In the given case study, which form of computer crime was committed by the new employee?

- a) Embezzlement of funds
- b) Stealing money or financial assets
- c) Obtaining private information via computers
- d) Malicious activities through computers

Correct Answer: a

Detailed Answer:

In the given case study, the new employee transferred the company's money to his personal account using the company's banking information, which is an example of embezzlement of funds.

QUESTION 4:



As per the Automatic Protection of Berne Contract, 1971, which of the following condition is true:

- a) Protection must be conditional upon compliance; Copyright protection exists automatically from the time a qualifying work is fixed in an intangible medium.
- b) Protection must be conditional upon compliance; Copyright protection exists automatically from the time a qualifying work is fixed in a tangible medium.
- c) Protection must not be conditional upon compliance; Copyright protection exists automatically from the time a qualifying work is fixed in a tangible medium.
- d) Protection must not be conditional upon compliance; Copyright protection exists automatically from the time a qualifying work is fixed in an intangible medium.

Correct Answer: C

Protection must not be conditional upon compliance; Copyright protection exists automatically from the time a qualifying work is fixed in a tangible medium.

Detailed Answer:

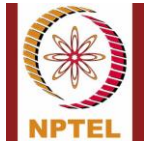
Protection must not be conditional upon compliance; Copyright protection exists automatically from the time a qualifying work is fixed in a tangible medium.

QUESTION 5:

A company developed a new software that would store and manage the personal information of its clients, including their financial details. The software was highly secure and had strict access controls to protect the clients' privacy. However, one day, the company found out that someone had gained unauthorized access to the software and had stolen the clients' personal information. The company immediately reported the incident to the authorities and hired a cybersecurity expert to investigate the matter.

In the given case study, what form of computer crime was committed?

- a) Data recording errors
- b) Inappropriate access



- c) Software piracy
- d) Hacking

Correct Answer: d

Detailed Answer:

In the given case study, the hacker gained unauthorized access to the company's software and stole the clients' personal information, which is an example of hacking.

QUESTION 6:

David is a novelist from the United States who has written a book that has been published in his home country. He wants to ensure that his book is protected in other countries as well. Which principle of the Berne Convention, 1971 ensures that David's book will receive the same level of protection in other countries as it does in the United States?

- a) The principle of national treatment
- b) The principle of moral rights
- c) The principle of independence of protection
- d) The principle of right of reproduction

Correct Answer: c

Detailed Answer:

The principle of independence of protection is one of the key principles of the Berne Convention, 1971, which provides that the protection and enjoyment of copyright should not depend on the existence of protection in the country of origin of the work. In other words, the level of protection granted to a work should be the same in all countries that are members of the Berne Convention, regardless of where the work was first published or created.

QUESTION 7:

Lotus Development Corporation developed a popular software program called Lotus 1-2-3, which was used for spreadsheet calculations. Another company, Paperback Software



International, created a similar software program called Paperback Lotus, which had a similar interface and functionality as Lotus 1-2-3. Lotus Development Corporation filed a lawsuit against Paperback Software International.

In the given case study, what is the main issue regarding intellectual property rights?

- a) Patentability of software code
- b) Copyright protection for software
- c) Reverse engineering of software
- d) Trademark infringement

Correct Answer: b

Detailed Answer:

In the given case study, the main issue is copyright infringement. Lotus Development Corporation claimed that Paperback Software International copied their software program, Lotus 1-2-3, which is a written work and subject to copyright protection. Copyright law protects original works of authorship, including software code, from being copied without permission.

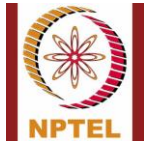
QUESTION 8:

Which of the following is NOT a benefit of the Paris Convention, 1967?

- a) Improved access to foreign markets
- b) Enhanced protection of intellectual property rights
- c) Increased competition and innovation
- d) Reduced prices for consumers

Correct Answer: d

Detailed Answer: While the Paris Convention aims to promote economic and technological development, it does not specifically aim to reduce prices for consumers. Rather, it seeks to ensure that inventors and creators can receive appropriate compensation for their innovations and creations.



QUESTION 9:

John, a photographer, takes a photograph of a famous landmark in his home country. He then publishes the photograph on his website. A few weeks later, John discovers that his photograph has been copied and used without his permission on a travel website promoting tourism in another country. Which principle of the Berne Convention, 1971 is being violated in this case?

- a) The principle of national treatment
- b) The principle of moral rights
- c) The principle of automatic protection
- d) The principle of minimum standards of protection

Correct Answer: b

Detailed Answer: The principle of moral rights, which is a key component of the Berne Convention, gives creators of artistic works the right to be recognized as the author of their work and to object to any distortion, mutilation, or modification of their work that would be prejudicial to their reputation. In this case, John's moral right of attribution is being violated, as his photograph is being used without his permission and without giving him credit as the author.

QUESTION 10:

What can be inferred from the statement "property protections for digital information work differently as they work for other technologies"?

- a) Digital information is not protected by any form of intellectual property rights
- b) Intellectual property rights for digital information are weaker compared to other technologies
- c) Intellectual property rights for digital information are stronger compared to other technologies
- d) Digital information can only be protected through patents, not copyright

Correct Answer: b

Detailed Answer: The statement suggests that the property protections for digital information, such as software, work differently compared to other technologies. It implies that the intellectual property rights for digital information may be weaker than for



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other technologies. This is because digital information, including software code, can be easily copied, distributed, and accessed, which poses challenges for enforcing and protecting intellectual property rights.

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