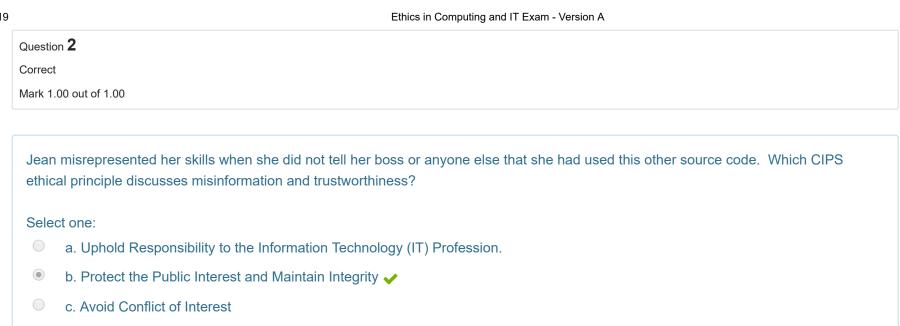|	
Started on	Wednesday, 9 October 2019, 1:38 AM
State	Finished
Completed on	Wednesday, 9 October 2019, 2:03 AM
Time taken	25 mins 12 secs

Information

Jean, a statistical database programmer, is trying to write a large statistical program needed by her company. Programmers in this company are encouraged to write about their work and to publish their algorithms in professional journals. After months of tedious programming, Jean has found herself stuck on several parts of the program. Her manager, not recognising the complexity of the problem, wants the job completed within the next few days. Not knowing how to solve the problems, Jean remembers that a co-worker had given her source listings from his current work and from an early version of a commercial software package developed at another company. On studying these programs, she sees two areas of code which could be directly incorporated into her own program. She uses segments of code from both her co-worker and the commercial software, but does not tell anyone or mention it in the documentation. She completes the project and turns it in a day ahead of time.

Question **1**

Incorrect

Mark 0.00 out of 1.00

The company encourages programmers to publish their algorithms. If Jean published her algorithm, this would be putting her credit instead of those of the original writers. Which CIPS Ethical principle says to avoid dishonourable or questionable conduct?

Select one:

○　　a. Maintain Confidential Information and Privacy ✖

○　　b. Uphold Responsibility to the Information Technology (IT) Profession.

○　　c. Protect the Public Interest and Maintain Integrity

○　　d. Avoid Conflict of Interest

○　　e. Demonstrate Competence and Quality of Service

Question **2**

Correct

Mark 1.00 out of 1.00

Jean misrepresented her skills when she did not tell her boss or anyone else that she had used this other source code. Which CIPS ethical principle discusses misinformation and trustworthiness?

Select one:

    ○   a. Uphold Responsibility to the Information Technology (IT) Profession.

    ◉   b. Protect the Public Interest and Maintain Integrity ✔

    ○   c. Avoid Conflict of Interest

    ○   d. Maintain Confidential Information and Privacy

    ○   e. Demonstrate Competence and Quality of Service

Question **3**

Correct

Mark 1.00 out of 1.00

The CIPS principle to "Demonstrate Competence and Quality of Service" means that Jean should conduct all activities with due regard for ownership and property rights.

Select one:

    ◉   True ✔

    ○   False

Information

Max works in a large provincial department of alcoholism and drug abuse. The agency administers programs for individuals with alcohol and drug problems, and maintains a huge database of information on the clients who use their services. Some of the data files contain the names and current addresses of clients. Max has been asked to take a look at the track records of the treatment programs. He is to put together a report that contains the number of clients seen in each program each month for the past five years, length of each client's treatment, number of clients who return after completion of a program, criminal histories of clients, and so on. In order to put together this report, Max has been given access to all files in the agency's mainframe computer. After assembling the data into a file that includes the clients' names, he downloads it to the computer in his office.

Under pressure to get the report finished by the deadline, Max decides he will have to work at home over the weekend in order to finish on time. He burns the information onto a CD and takes it home.

After finishing the report he leaves the CD at home and forgets about it.

Question **4**

Partially correct

Mark 0.50 out of 1.00

An independent mental health councillor that specializes in helping people with drug addictions offers Max a contract to create a report showing names of people likely to need their services using the data that he has access to through the provincial department. The department does not work with these councillors. Which CIPS ethical principle describes what a member must do if they have two clients – or possible clients - with overlapping or differing objectives?

Select one or more:

☐　　a. Avoid Conflict of Interest

☑　　b. Maintain Confidential Information and Privacy ✔

☐　　c. Demonstrate Competence and Quality of Service

☐　　d. Protect the Public Interest and Maintain Integrity

☐　　e. Uphold Responsibility to the Information Technology (IT) Profession

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Question **5**

Incorrect

Mark 0.00 out of 1.00

CIPS ethics requires that Max understands the obligations from applicable legislation. What is the acronym for the legislation in Canada that governs privacy of personal information? (do not use "." between letters)

Answer:　　Demonstrate Competence and Quality of Service　　　　✘
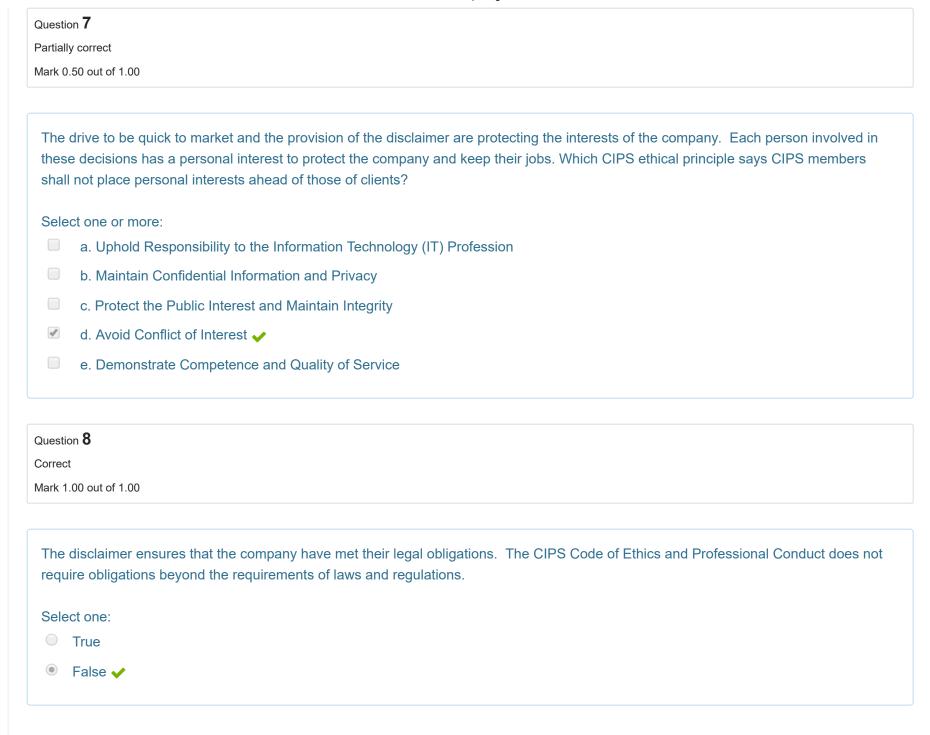
Question **6**

Correct

Mark 1.00 out of 1.00

Max forgot the CD at home. This is not a secure location and forgotten items may become garbage that is accessible to anyone. Since he was trusted with this information and he did not treat it carefully, this would be questionable conduct. Which CIPS ethical principle discusses trustworthiness?

Select one:

○ a. Uphold Responsibility to the Information Technology (IT) Profession.

○ b. Maintain Confidential Information and Privacy

○ c. Demonstrate Competence and Quality of Service

○ d. Avoid Conflict of Interest

⦿ e. Protect the Public Interest and Maintain Integrity ✔

Information

A software development company has just produced a new software package that incorporates the new tax laws and figures taxes for both individuals and small businesses. The president of the company knows that the program has a number of bugs. He also believes the first firm to put this kind of software on the market is likely to capture the largest market share. The company widely advertises the program. When the company actually ships a CD, it includes a disclaimer of responsibility for errors resulting from the use of the program. The company expects it will receive a number of complaints, queries, and suggestions for modification. The company plans to use these to make changes and eventually issue updated, improved, and debugged versions. The president argues that this is general industry policy and that anyone who buys version 1.0 of a program knows this and will take proper precautions. Because of bugs, a number of users filed incorrect tax returns and were penalised by the government.

Question **7**

Partially correct

Mark 0.50 out of 1.00

The drive to be quick to market and the provision of the disclaimer are protecting the interests of the company. Each person involved in these decisions has a personal interest to protect the company and keep their jobs. Which CIPS ethical principle says CIPS members shall not place personal interests ahead of those of clients?

Select one or more:

- ☐ a. Uphold Responsibility to the Information Technology (IT) Profession
- ☐ b. Maintain Confidential Information and Privacy
- ☐ c. Protect the Public Interest and Maintain Integrity
- ☑ d. Avoid Conflict of Interest ✔
- ☐ e. Demonstrate Competence and Quality of Service

Question **8**

Correct

Mark 1.00 out of 1.00

The disclaimer ensures that the company have met their legal obligations. The CIPS Code of Ethics and Professional Conduct does not require obligations beyond the requirements of laws and regulations.

Select one:

- ○ True
- ◉ False ✔

Question **9**

Correct

Mark 1.00 out of 1.00

This company knows there are bugs in this software. The document titled "Understanding the Code of Ethics and Professional Conduct" states that CIPS members should be "accountable for results".

Select one:

○ True ✔

○ False

Information

A manager gave an employee permission to work off-site because of family problems. Remote on-line access was granted for the employee to a large government computing facility. All that was needed was the manager's signature to approve the arrangement. The manager went on leave before the papers were returned, and the acting manager cancelled the off-site access at the last minute.

Question **10**

Incorrect

Mark 0.00 out of 1.00

There is a risk because the access is to a large government facility. Select which step in the CIPS "Process for Ethical Decision Making" where the acting manager should think of other options that could help address this risk?

Select one:

○   a. Identify the key ethical issues

◉   b. Identify relevant ethical principles ✖

○   c. Generate alternatives and examine the probable outcomes

○   d. Reflection

○   e. Determine action plan

○   f. Take action

Question **11**

Correct

Mark 1.00 out of 1.00

The approval papers were not yet returned to the acting Manager. Regulations do not require the acting manager to allow the access. The CIPS Code of Ethics and Professional Conduct does not require obligations beyond the requirements of laws and regulations.

Select one:

○   True

◉   False ✔

Question **12**

Incorrect

Mark 0.00 out of 1.00

The acting manager must decide if they will uphold the decision the first manager has made about remote access. This puts him/her in an uncomfortable position. Which of the 5 CIPS Code of Ethics and Professional Conduct principles describes the required conduct of the first manager toward other IT professionals such as the acting manager?

Select one:

    ○   a. Demonstrate Competence and Quality of Service

    ○   b. Maintain Confidential Information and Privacy

    ○   c. Uphold Responsibility to the Information Technology (IT) Profession.

✔   ○   d. Protect the Public Interest and Maintain Integrity

    ◉   e. Avoid Conflict of Interest ✖

◄ Practice Test

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Ethics in Computing and IT Exam - Version B ►

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Started on	Wednesday, 9 October 2019, 2:15 AM
State	Finished
Completed on	Wednesday, 9 October 2019, 2:44 AM
Time taken	29 mins 2 secs
Grade	**7.00** out of 12.00 (**58**%)
Feedback	We're sorry, you have not yet achieved a passing grade on the Ethics in Computing and IT exam. Please try again.

Information

An HCI consultant with extensive experience in evaluating web sites and graphical user interfaces (GUI) has just received an evaluation contract for a new accounting product made by Company A. She received this due to her prior experience in evaluating e-commerce sites. The work involves assessing the training requirements and the usability of the system.

Question **1**

Correct

Mark 1.00 out of 1.00

During the evaluation she makes requested changes to the web site that she feels are necessary to improve the quality of the GUI, even though she has no formal web development training. Which CIPS Code of Ethics Principle is not upheld?

Select one:

○   a. Demonstrate Competence and Quality of Service ✔

○   b. Uphold Responsibility to the IT profession

○   c. Protect Public Interest and Maintain Integrity

○   d. Avoid Conflict of Interest

○   e. Maintain Confidential Information and Privacy

Question **2**

Correct

Mark 1.00 out of 1.00

During the evaluation she discovers that some of the tax structures included in the accounting product don't seem to work properly and work in favour of Company A rather than the public who may be using the web site. Which CIPS Code of Ethics Principle is not upheld?

Select one:

○ a. Uphold Responsibility to the IT profession

○ b. Maintain Confidential Information and Privacy

○ c. Avoid Conflict of Interest

○ d. Demonstrate Competence and Quality of Service

⊙ e. Protect Public Interest and Maintain Integrity ✔

Question **3**

Correct

Mark 1.00 out of 1.00

Under her contractual arrangement, with Company B, she is not allowed to discuss the evaluation of product with anyone outside the contract. She informs Company A that she has worked for Company B and discloses information to Company A about a new feature that Company B has included to increase the security in the payment system. Which CIPS Code of Ethics Principle is not upheld?

Select one:

○ a. Uphold Responsibility to the IT profession

○ b. Protect Public Interest and Maintain Integrity

○ c. Avoid Conflict of Interest

◉ d. Maintain Confidential Information and Privacy ✔

○ e. Demonstrate Competence and Quality of Service

Information

Mary is unhappy in her current situation. She has worked on a team to develop an HR system to support the recruitment of high performing employees to the firm. It was implemented on time and on budget and highly popular with the employees. However she was passed over for promotion, despite her good work, and is seeking employment elsewhere. She has been offered a job by a competitor at a higher salary with a promotion but an expectation that she will be able to develop an equivalent system in an exceptionally short period of time.

Question **4**

Incorrect

Mark 0.00 out of 1.00

During the evaluation she discovers that one of the software development contractors is billing more hours than he is actually spending on the project. She chooses to ignore this. Which CIPS Code of Ethics Principle is not upheld?

Select one:

- ○   a. Avoid Conflict of Interest
- ◉   b. Protect Public Interest and Maintain Integrity ✖
- ○   c. Uphold Responsibility to the IT profession
- ○   d. Maintain Confidential Information and Privacy
- ○   e. Demonstrate Competence and Quality of Service

Question **5**

Correct

Mark 1.00 out of 1.00

Although it is unrealistic, Mary says that she can lead a team of developers to develop the software in the tight timeframe. Which CIPS Code of Ethics Principle is not upheld?

Select one:

○ a. Maintain Confidential Information and Privacy

○ b. Protect Public Interest and Maintain Integrity

◉ c. Demonstrate Competence and Quality of Service ✔

○ d. Uphold Responsibility to the IT profession

○ e. Avoid Conflict of Interest

Question **6**

Incorrect

Mark 0.00 out of 1.00

While working at her new job, her boss asks her to investigate HR Performance Management programs with a view to purchasing one. She doesn't mention that her brother is the sales manager for one of the top firms. Which CIPS Code of Ethics Principle is not upheld?

Select one:

○   a. Demonstrate Competence and Quality of Service

○   b. Maintain Confidential Information and Privacy

○   c. Uphold Responsibility to the IT profession

○   d. Avoid Conflict of Interest

◉   e. Protect Public Interest and Maintain Integrity ✖

Information

Mario is the project manager on a project to implement a Learning Management system. His company has decided to buy an established package rather than develop it in house. Mario has prepared the tender or request for proposal and sent it out to a number of firms asking for a proposal.

Question **7**

Correct

Mark 1.00 out of 1.00

One of the firms takes Mario to dinner and the opera. Over dinner Mario answers their questions, likes doing business with them and decides to award them the contract. Which CIPS Code of Ethics Principle is not upheld?

Select one:

○ a. Uphold Responsibility to the IT profession

○ b. Protect Public Interest and Maintain Integrity

○ c. Maintain Confidential Information and Privacy

◉ d. Avoid Conflict of Interest ✔

○ e. Demonstrate Competence and Quality of Service

Question **8**

Partially correct

Mark 0.50 out of 1.00

Mario is anxious to stay within budget and awards the contract to the lowest bidder without doing sufficient due diligence to ensure they have the capability to do the job. Which CIPS Code of Ethics Principle is not upheld?

Select one or more:

- ☐ a. Protect Public Interest and Maintain Integrity

- ☐ b. Demonstrate Competence and Quality of Service

- ☐ c. Avoid Conflict of Interest

- ☑ d. Uphold Responsibility to the IT profession ✔

- ☐ e. Maintain Confidential Information and Privacy

Question **9**

Partially correct

Mark 0.50 out of 1.00

John is a member of CIPS and a new consultant working for one of the vendors bidding on the project. He is anxious to win the business and stretches the truth a little in the company's experience in implementing this software in a company similar to Mario's. Which CIPS Code of Ethics Principle is not upheld?

Select one or more:

- ☐ a. Uphold Responsibility to the IT profession
- ☐ b. Demonstrate Competence and Quality of Service
- ☑ c. Protect Public Interest and Maintain Integrity ✔
- ☐ d. Avoid Conflict of Interest
- ☐ e. Maintain Confidential Information and Privacy

Information

Company A is developing a safety critical product. Their competition is developing a similar product and it is important that Company A's product is first to market. The product is used in the health care industry to administer varying levels of radiation to cancer patients. It is important that there are safeguards to ensure that the right level of radiation is chosen and to reduce the risks that the wrong level of radiation could be administered to a patient. Andy suggestion to extend the project will cause waves right up to the CEO in the organization.

Question **10**

Incorrect

Mark 0.00 out of 1.00

Jason is the quality assurance manager on the project. He is concerned that not enough time has been spent on testing the functionality to ensure the right level of radiation is administered. It is towards the end of the project and Jason chooses not to raise the issue, even though he doesn't feel confident that the level of testing conducted is sufficient. Which CIPS Code of Ethics Principle is not upheld?

Select one:

    ○   a. Maintain Confidential Information and Privacy

    ○   b. Avoid Conflict of Interest

    ○   c. Protect Public Interest and Maintain Integrity

    ○   d. Uphold Responsibility to the IT profession

    ◉   e. Demonstrate Competence and Quality of Service ✖

Question **11**

Correct

Mark 1.00 out of 1.00

It is early in the project and in the requirements gathering phase. Mary, the business analyst doesn't include this functionality as a significant requirement that should be tracked for completeness through every phase of the project. Which CIPS Code of Ethics Principle is not upheld?

Select one:

○ a. Demonstrate Competence and Quality of Service ✔

○ b. Uphold Responsibility to the IT profession

○ c. Maintain Confidential Information and Privacy

○ d. Avoid Conflict of Interest

○ e. Protect Public Interest and Maintain Integrity

Question **12**

Incorrect

Mark 0.00 out of 1.00

The product is released to the field and shortly thereafter a problem arises. A trouble ticket is raised, Alice, a member of the design team, investigates in an interview over the phone and determines the problem to be trivial. No team of field engineers is sent to investigate in person when there is a likelihood this could have a serious effect on the health of the public. Which CIPS Code of Ethics Principle is not upheld?

Select one:

- ⦿ a. Avoid Conflict of Interest ✖
- ◯ b. Protect Public Interest and Maintain Integrity
- ◯ c. Uphold Responsibility to the IT profession
- ◯ d. Demonstrate Competence and Quality of Service
- ◯ e. Maintain Confidential Information and Privacy

◀ Ethics in Computing and IT Exam - Version A

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Ethics in Computing and IT Exam - Version C ▶