



Review Test Submission: Q5-Ethics

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Course	COM_S 309 All Sections (Spring 2017)
Test	Q5-Ethics
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Status	Completed
Attempt Score	100 out of 100 points
Time Elapsed	2 minutes out of 1 hour
Results Displayed	All Answers, Submitted Answers, Correct Answers, Feedback, Incorrectly Answered Questions

Question 1

5 out of 5 points



"ENSURE that Software engineers are informed of standards before being held to them" is a directive of which of IEEE/ACM's code of ethics principles?

Selected Answer: ☒ Employees

Answers: ☐ Judgement
☒ Employees
☐ Client and Employer
☐ Profession

Question 2

5 out of 5 points



CHECK all correct answers.

What are possible outcomes of unethical behavior of software professionals?

Selected Answers: ☒ Financial Loss.
☒ Loss of Data.
☒ Loss of life.
☒ Loss of Privacy.

Answers:

- ✓ Loss of Security.
- ✓ Financial Loss.
- ✓ Loss of Data.
- ✓ Loss of life.
- ✓ Loss of Privacy.
- ✓ Loss of Security.

Question 3

5 out of 5 points



CHECK all correct answers

- ✓ Ethics pertain to doing work as per standards in a profession.
- ✓ Ethics pertain to right and wrong in conduct.

Answers: As long as you are not violating the law, you are being ethical.

As long as you do not do anything, you are not violating any ethical standards.

- ✓ Ethics pertain to doing work as per standards in a profession.
- All ethical issues have one clear-cut solution.
- ✓ Ethics pertain to right and wrong in conduct.

Question 4

5 out of 5 points



CHECK all correct answers.

Which of the following is unethical?

Selected
Answers:

- ✓ A mechanic puts in a shoddy brake replacement part.

Answers:

- ✓ A judge gives a harsher sentence because he disapproves of the defendant's political disposition.

- ✓ A teacher gives better grades to his favorite students.

- ✓ A mechanic puts in a shoddy brake replacement part.

- ✓ A judge gives a harsher sentence because he disapproves of the defendant's political disposition.

- ✓ A teacher gives better grades to his favorite students.

A doctor takes a kidney from a healthy patient who has given his consent - to save another patient's life.

A building contractor uses cheaper but approved materials to construct a house to meet the customer's budget.

Question 5

5 out of 5 points

CHECK all the answers that are correct.



Explain what is meant by *PRODUCT* principle with reference to one of the eight principles as per the ACM/IEEE Code of Ethics ?



Software engineers shall ensure that their products and related modifications meet the highest professional standards possible.

Answers: Software engineers shall ensure that their products and related modifications satisfy the client.

The product designed /created should be easily available.

The product should be easy to use.



Software engineers shall ensure that their products and related modifications meet the highest professional standards possible.

Question 6

5 out of 5 points



Making a decision to use environmentally safe fuel is an example of choosing which ethical approach?

Selected Answer:  common good

Answers:  common good

utilitarian

rights

virtue

fairness

Question 7

5 out of 5 points



CHECK all correct answers.

What is a good smell test to check if an issue has ethical concerns?



Ask what would happen if the issue and chosen actions were front page news on a local newspaper.

Answers: Ask your friends.



Ask what would happen if the issue and chosen actions were front page news on a local newspaper.

Ask a lawyer to detect potential violations of legal precedents and laws.

Ask your boss/employer.

Get a dog to sniff out possible issues.

Question 8



"TAKE responsibility for detecting, correcting, and reporting errors in software" is a directive of which of IEEE/ACM's code of ethics principles? 5 out of 5 points

Selected Answer: ☒ Profession

Answers: ☒ Profession

public interest

Client and Employer

Product

Question 9

5 out of 5 points



which ethical approach is also known as the "mirror test"?

Selected Answer: ☒ virtue

Answers: common good

utilitarian

rights

☒ virtue

fairness

Question 10

5 out of 5 points



Trial by jury is an example of choosing which ethical approach?

Selected Answer: ☒ rights

Answers: common good

utilitarian

☒ rights

virtue

fairness

Question 11

5 out of 5 points



CHECK all answers that are correct.

Software engineers should not use their technical skills to *misuse* other people's computers.

Here the term misuse refers to

- ✔ Dissemination of viruses or other malware
- ✔ Unauthorized access to computer material
- ✔ Unauthorized modification of computer material

Answers: Installing updates

- ✔ Dissemination of viruses or other malware
- ✔ Unauthorized access to computer material
- ✔ Unauthorized modification of computer material

Question 12

5 out of 5 points



CHECK all answers that are correct.

Software Engineers should

- Selected Answers:
- ✔ not knowingly accept work that is outside their competency level.
 - ✔ maintain integrity and independence in their professional judgment.
 - ✔ not use their technical skills to misuse other people's computers

- Answers:
- ✔ not knowingly accept work that is outside their competency level.
 - be dependent on their colleagues.
 - ✔ maintain integrity and independence in their professional judgment.
 - ✔ not use their technical skills to misuse other people's computers

Question 13

5 out of 5 points



CHECK all correct answers.

Professional Ethics is important because:

- ✔ it helps maintain public's respect and trust in the practitioners of the profession.
- ✔ products and services of professionals affect a large number of people and it is the professionals' job to make sure risks have been assessed and addressed.
- ✔ it sometimes helps professionals avoid legal issues.

Answers: it helps professionals to reduce operating costs.


- ✔ it helps maintain public's respect and trust in the practitioners of the profession.
- ✔ products and services of professionals affect a large number of people and it is the professionals' job to make sure risks have been assessed and addressed.
- ✔ it sometimes helps professionals avoid legal issues.

Question 14

5 out of 5 points



CHECK all answers that are correct.

Selected 

Answers: Engineers shall not accept compensation, financial or otherwise, from more than one party for services on the same project, or for services pertaining to the same project, unless the circumstances are fully disclosed and agreed to by all interested parties.



Engineers shall not solicit nor accept a contract from a governmental body on which a principal or officer of their organization serves as a member.

Answers: 

Engineers shall not accept compensation, financial or otherwise, from more than one party for services on the same project, or for services pertaining to the same project, unless the circumstances are fully disclosed and agreed to by all interested parties.

Engineers shall not solicit but may accept financial or other valuable consideration, directly or indirectly, from outside agents in connection with the work for which they are responsible, if such compensation is fully disclosed.

Engineers may not participate in any matter involving a conflict of interest if it could influence or appear to influence their judgment or the quality of their services.



Engineers shall not solicit nor accept a contract from a governmental body on which a principal or officer of their organization serves as a member.

Question 15

5 out of 5 points



WHICH of these are NOT considered as an ethical duty of a software engineer working in a team

Selected

Answer:



Work overtime if other team members are also working to get the project finished early.

Answers:

Credit fully the work of others and not take any undue credit.



Work overtime if other team members are also working to get the project finished early.

give a fair hearing to the opinion, concerns, or complaint of other colleagues

report any unethical activity done by someone else known to you, to management.

Question 16

5 out of 5 points



having founders of a company have more shares is an example of choosing which ethical approach?

Selected Answer: ☒ fairness

Answers: common good

utilitarian

rights

virtue

☒ fairness

Question 17

5 out of 5 points



"SOFTWARE engineers should engage in lifelong learning" is a directive of which of IEEE/ACM's code of ethics principles?

Selected Answer: ☒ Self

Answers: public interest

Colleagues

Judgement

☒ Self

Question 18

5 out of 5 points



"DISCLOSE any actual or potential danger to the user" is a directive of which of IEEE/ACM's code of ethics principles?

Selected Answer: ☒ public interest

Answers: Profession

☒ public interest

Product

Client and Employer

Question 19

5 out of 5 points



Triage performed by medical personnel during emergencies is an example of choosing which ethical approach?

Selected Answer: ☒ utilitarian

Answers: common good

☒ utilitarian

rights

virtue

fairness

Question 20

5 out of 5 points



CHECK Which of these is an ethical duty of a software engineer working in a team

Selected Answer: ☒ Credit fully the work of others and not take any undue credit.

Answers: ☒ Credit fully the work of others and not take any undue credit.

report any unethical activity done by someone else known to you, to management.

give a fair hearing to the opinion, concerns, or complaint of other colleagues

Work overtime if other team members are also working to get the project finished early.

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