



## Review Test Submission: Q5-Ethics

User	Hosam Abdeltawab
Course	COM_S 309 All Sections (Spring 2017)
Test	Q5-Ethics
Started	4/27/17 4:28 PM
Submitted	4/27/17 4:37 PM
Status	Completed
Attempt Score	100 out of 100 points
Time Elapsed	9 minutes out of 1 hour
Results Displayed	All Answers, Submitted Answers, Correct Answers, Feedback, Incorrectly Answered Questions

### Question 1

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: Client and Employer

Product

☒ public interest

Profession

### Question 2

5 out of 5 points



CHECK all correct answers.

Which of the following is unethical?

☒ A mechanic puts in a shoddy brake replacement part.

☒ A teacher gives better grades to his favorite students.



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

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

☒ A mechanic puts in a shoddy brake replacement part.

☒ A teacher gives better grades to his favorite students.



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

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

### Question 3

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 4

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

Selected Answers: Unauthorized access to computer material

Dissemination of viruses or other malware

Unauthorized modification of computer material

Answers: Unauthorized access to computer material

Dissemination of viruses or other malware

Unauthorized modification of computer material

Installing updates

### Question 5

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 6**

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: ☐ Colleagues  
☒ Self  
☐ public interest  
☐ Judgement

**Question 7**

5 out of 5 points



CHECK all correct answers

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

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

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

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

**Question 8**

5 out of 5 points



CHECK all answers that are correct.

Software Engineers should

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

**Question 9**

5 out of 5 points



CHECK Which of these is NOT 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: 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.  
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.

### Question 10

5 out of 5 points



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

Selected Answer: Profession

Answers: public interest  
Client and Employer  
 Profession  
Product

### Question 11

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 12

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 13

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



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

Get a dog to sniff out possible issues.

Ask your boss/employer.

Ask your friends.

### Question 14

5 out of 5 points



CHECK all answers that are correct.



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.



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.

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



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.

### Question 15

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 16

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: The product should be easy to use.

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



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

The product designed /created should be easily available.

### Question 17

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.

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.

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

**Question 18**

5 out of 5 points



CHECK all correct answers.

✔ What are possible outcomes of unethical behavior of software professionals?

Selected Answers: ✔ Loss of life.  
✔ Loss of Security.  
✔ Loss of Data.  
✔ Loss of Privacy.  
✔ Financial Loss.

Answers: ✔ Loss of life.  
✔ Loss of Security.  
✔ Loss of Data.  
✔ Loss of Privacy.  
✔ Financial Loss.

**Question 19**

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 20**

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

Thursday, April 27, 2017 4:37:48 PM CDT

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