1. An engineer has doubts regarding data he received from a supplier ….this situation
   1. This is form of dishonesty as the engineer fails ….
2. 2) snowden’s withtleblowing was done
3. External and openly
4. 3)Which among the following are principles to conserve environment as formulated by CERS
5. All the mentioned points
6. 4)Using the line drawing technique, ethical cases may be classified…
7. Functional paradigms
8. 5)Reducing pollution would be a good example of
9. Aspirational ethics
10. 6)What is the true about the relation between engineers an risks
11. Engineers should be aware of the fact …
12. 7)the drawback of granting legal protection to intellectual properties
13. All answers are correct
14. 8)In the Standards of cares , engineers have
15. A professional obligation …
16. 9)Social contract involves the notion of
17. Implicit trust relationship..
18. 10)Professional character traits do not include
19. Technological perfection
20. 11)The line drawing techniques states that
21. Concentrating on only one feature will usually be insufficient ..
22. 12)Engineering standards include
23. All of these
24. 13)Impediments to responsible action include all the following except
25. Critical acceptance of authority
26. 14)Whenever they are requested to provide their technical input in cases that involves defective….
27. Not feel the need ..
28. 15)Appropriate ethical thinking requires applying relevant facts …..
29. Personal beliefs
30. 16) A key requirement for framing ethical problem
31. To have a good understanding of the….
32. 17)Which of the following is an example of a fraudulent …
33. A party knowingly make false ,,,,,
34. 18)A firm is purchasing a fire detection system for its office .The 2 selected …
35. More information Is needed to asses to situation
36. 19)Viewing oneself as both agent and recipient is a requirement
37. The golden rule
38. 20)Framing ethical problems requires several steps..
39. Marketing the issue
40. 21)Engineering professional cod of ethics do not need to emphasize
41. The job description of the engineer
42. 22)Plagiarism is
43. The use of intellectual property …
44. 23)Which of the following is true about the line drawing techniques
45. Sometimes an exercise ..
46. 24)If you are driving at a speed of 30km….
47. Reckless
48. 25)Bernard Gert formulated a list of 10 moral rules….
49. Don’t learn
50. 26)An engineer who works for the interest of company alerted …..
51. Conflict of interest with company’s interest
52. 27)Today ,due to the microwaved and pre-prepared foods ….
53. The idea of technological pessimism
54. 28)Which of the below best describes the government regulators’ approach
55. Acceptable risk is one of which protecting the public
56. 29)The following are the characteristics of an organization adopting the sub-minimal..
57. The primary goal of the company is to make money
58. 30)Unknowingly of its presence ,Nabil didn’t follow the new safety
59. Negligent
60. 31)Carine is planning to open an organization with her friend Hasan….
61. Customer-oriented companies
62. 32)Engineering is a profession that has the following characteristics
63. All of these
64. 33)An engineer who is guilty of self-deception or ignorance ….
65. Obligation -responsibility
66. 34)In order to prevent the spread of (COVID 19..
67. Utilitarianism
68. 35)consider a case which the work conditions might constitute a thread to the health …
69. No
70. 36) From an ethical perspectives ,easy choices can be made When
71. One value clearly has a higher priority than the other
72. 37)Liability for harm implies that the person caused the harm ,but it also implies something about the condition …
73. Malicious intent , recklessness, and negligence
74. 38)Buying a car from a trusted friend who testifies that the car is in good shape is not risky
75. The public’s approach to risk
76. 39)Lying ,a form of dishonesty , involves something that is believed to be false ….
77. Made with the intention to self-deceive
78. 40)When applying engineering ethics , an engineer’s priority and primary responsibility is to protect first
79. The public/community ….
80. 41)Ethics are heavily influenced by
81. All of these
82. 42)Engineers may receive less information for making decision in
83. Finance-..
84. 43)Integrity , accountability and trust are examples of
85. Values
86. 44)Using the line drawing techniques , ethical cases may be classified as
87. Positive paradigms
88. 45)what is meant by safe would be considered as a
89. Conceptual question
90. 46)The Golden Rule approach requires
91. Viewing oneself
92. 47)The act utilitarian approach focuses attention
93. The consequences of particular actions
94. 48)Carl Clark is a scientist who worked air bags on bumpers and wearable…
95. Ordinary positive
96. 49) Which of the following is not a basis for disciplinary action under the professional
97. Physical incapacity
98. 50) From the list below, which is not a primary characteristic of the professional model?
99. Persuade government regulator that a great … workplace
100. 51) According to the line drawing techniques, ethical cases cases may be classical as
101. All of these
102. 52) A company decided to openup a new unit for soap …to test. This is an example of:
103. Extortion
104. 53)offering money or a gift to change to the behavior of the recipient
105. Bribery
106. 54)when the utilitarian and respect .. lead to conflicting , it is said that we have
107. Divergence
108. 55)in the Colombia space … would not cause problem. This impediment is an example of
109. Self-deception
110. 56)withholding information by omission is form of
111. Confidentiality
112. 57) the professional model based on
113. Social contract
114. 58)a biomedical engineer who dedicated… quality life, is mainly driven by
115. Aspirational ethics
116. 59)to effectively reduce liability exposure , the professional engineer may
117. Maintain professional standards in practice
118. 60)engineers shall not reveal facts, data …. By law. Thus statement is an example of
119. Negative ethics
120. 61) good ethical thinking requires:
121. All of these
122. 62) a situation in which an engineer’s loyalty and obligation … would be best described as
123. Conflict of interest
124. 63) the idea of social contract is central to the
125. Professional model
126. 64) consider there is a pollutant but we choose to use the funds needed to reduce…. Which criterion are we applying in this situation
127. Optimal pollution reduction criterion
128. 65) the absolutist solution in solving boundary-crossing problems, requires that
129. The rule that the laws, customs ….. always be followed
130. 66) the rights approach accords special respect for:
131. All of these
132. 67)when using the line drawing technique to test the concept of bribery for a given situation……. In this analysis
133. The product quality poor or good quality)
134. 68)preventive ethics include provisions that are
135. Prohibitive in charater
136. 69) iyad is an engineer working on a collective project…… in this project. How to describe what iyad did?
137. Violation of trade secrets
138. 70) preventive ethics consist of the following provisions except
139. Prohibitive provisions
140. 71)when one value clearly has a higher priority…
141. An easy choice
142. 72) from professional prespective, monopoly is required to
143. Increase professional profitability and produce more…
144. 73) which of the below is a standard that could be used as a refrence by an engineer working,….
145. The golden rule
146. 74) a computer hacker monitors the activities of a government… yhis violation example of
147. Information privacy
148. 75)engineering ethics Is the field that
149. Examines and sets the obligations by engineers to society…
150. 76) aspirational ethics emphasize the idea of
151. Promoting positive and welfare aspects of engineering
152. 77) line drawing techniques are in the analysis of ethical dilemmas to determine
153. The rightness or wrongness of a course of action
154. 78)how to frame ethical issues?
155. All of these
156. 79)to understand the importance of facts in a moral controversy….
157. All of these
158. 80)there are common features of human life that suggest the sorts…..
159. We are independent
160. 81)a good example of bribery case
161. Engineer Yasser received today a commission…
162. 82)engineer ali suspects that some of data….
163. Failure to seek out the truth
164. 83) when engineering standards state that the service provided by……)
165. Professional judgment
166. 84)the factory that produces industrial paints requires more than 500…
167. The total cost of preventing….
168. 85)the three types of ethics or morality are
169. Common morality, personal morality professional ethics\
170. 86)engineer bob decides to substitute an inferior and cheaper part ……….
171. Self-defeating approach example
172. 87) which kind of professional ethics is the following using professional knowledge to advance……
173. Aspirational ethics
174. 88)while using the line drawing technique to solve ethical problems cases may be classified as
175. All of these
176. 89) in framing cases the approaches that are usually followed by
177. General principles and or common grounds
178. 90)the term professional character refers to
179. All of these
180. 91)which of the following statement is false
181. Risk and safety have an inverse relation
182. 92) there are situation in which two or more moral rules or duties seem to apply…..
183. Creative middle way solution
184. 93) in the pinto car case, what approach was used by ford to justify……
185. Cost benefits approach
186. 94) the rightness of the action to solve the ethical issue Is determined solely….
187. Act utilitarian approach
188. 95) examining a specific action itself rather than the general rules governing…
189. Act utilitarianism
190. 96)whatever is right (or wrong) in one situation is right…. Concept of
191. Universalizability’
192. 97)in engineering ethics it may sometimes be difficult to
193. Do what is right
194. 98) justice requires avoiding the use of discrimination in the selection of …..
195. The elderly
196. 99) liability for harm involves
197. Any of these
198. 100) the practice of offering something (usually money) in order to gain an illicit advantage
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200. Lying a form of dishonesty involves something that believed to be false or seously iniding ant.
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     1. One value clearly
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     1. Only formal mathematical
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The responsibility to behave

1. Social contract involves

Implicit trust relationship

1. A key requirement for framing ethical problems is

To have a good understanding

1. Aspiration ethics emphasize the idea of:

Promoting positive and

1. A situation in which engineers loyalty and obligations may be …. Best described as

Conflict of interest

1. Consider there is a pollutant but we choose to use the funds ….in this situation

A maximum

1. In dealing which ethical dilemmas , middle way solutions come

divergence

1. Dan goes to victors place of business and demands monthly… pay dan….

extortion

1. Examining a specific action itself……

Rule utilitarianism

1. In every technical meeting. Cynthia always agrees with all the decisions…..to be affected by

groupthink

1. Responsible action by a professional engineer may be im by

groupthink

1. Engineers are accountable and may be liable for

All of these

1. In some countries or situations it is possible to run into paternalism which is

Being a good father

1. Framing ETHICAL problems requires several steps except

Marketing the issue

1. In 2001 , Abraham Abdallah was arrested because….this is considered a violation

Informational privacy

1. Do not kill. Do not steal .protect your brother. Help needy people…

Preventive ethics

1. Taking a decision that is likely to result in the greatest benefit relative ..
2. The term professional character refers to

Professional expertise in engineering includes not only the obvious proficiencies…

1. Professional character traits do not include

Pride or technical perfection

1. Provisions that are negative and prohibitive in charac. Are central to

Preventive ethics

1. The drawback of granting legal protection to intellectual

All answers

1. Which of the statements does not fit in with the degree of harm criterion for a clean

When the risk to human appears

1. What should happen in case an engineer broke the code of ethics

Engineer may be held legally…

1. Which of the following is not a step of cost-benefit analysis app

Assessment of the available options

1. The idea of social contract is central to the

All of these

1. Making a distinction between an evaluation of a persons actions and an evaluation of

None of these

1. What is true about technology?

Select one:

* 1. Technology is embedded in a social context and both influences and is influenced by the larger society.
  2. Technology is the drainage and exhausting of tools and minds.
  3. Technology has more negative effects on human life.
  4. Computer technology illustrates the harm that technology can confer as well as the social policy issues that various types of technology can raise.

1. Which among the following are principles to conserve environment as formulated by CERES?

Select one:

* 1. Environmental Restoration
  2. Reduction and Disposal of Waste.
  3. All the mentioned points.
  4. Protection of the Biosphere.

The practice of offering something (usually money) in order to gain an illicit advantage is:

Select one:

a. Fraud.

b. Facilitation.

c. Cheating.

d. Bribery.

A major challenge with the cost-benefit approach is to:

Select one:

a. None of these.

b. Know which course of action will produce the most financial gain in both the short and the long term.

c. Favor sometimes the vulnerable minority at the expense of greater aggregate good

d. Determine the scope of the audience over which the good is maximized.

Clear my choice

Some of the guidelines for facilitating solutions to ethical dilemmas in professional practice include:

Select one:

a. Select the best course of action - that which satisfies the highest core ethical values.

b. Seek additional assistance, as appropriate – engineering codes of ethics, previous cases peers, reliance on personal experience, etc.

c. Determine the facts in the situation; obtain all of the unbiased facts possible.

d. All of these

Line drawing techniques are used in the analysis of ethical dilemmas to determine:

Select one:

a. Malicious intent.

b. The rightness or wrongness of a course of action.

c. Bribery.

d. Conflict of interest.

Errors in engineering judgment and practice can be expected to occur as a matter of course, but not all errors are acceptable. Which of the following sentences is correct?

Select one:

a. The professional engineer liability for committed errors is determined by the standard of care.

b. The engineers are not responsible for any error out of regulatory standards application.

c. No legal liability for any engineer’s errors if his work satisfies the basic responsibility of his job as in the employment contract.

d. An engineer is only liable if the performed work does not comply with regulatory standards

Which of the following statements is false?

Select one:

a. Engineers focus on positive and negative aspects of projects (i.e. threats and opportunity)

b. Risk and engineering go hand in hand

c. Risk can be identified as danger in most cases

d. Risk and Safety have an inverse relation

Which of the following statements is false?

Select one:

a. Engineers focus on positive and negative aspects of projects (i.e. threats and opportunity)

b. Risk and engineering go hand in hand

c. Risk can be identified as danger in most cases

d. Risk and Safety have an inverse relation

Line drawing techniques are used in the analysis of ethical dilemmas to determine:

Select one:

a. Malicious intent.

b. The rightness or wrongness of a course of action.

c. Bribery.

d. Conflict of interest.

Carine is planning to open an organization with her friend Hasan. Carine will be making decision based on quality of products and safety. While Hasan will focus on the managerial factors such as: profit, time, and marketing strategies. Which of the following organizational culture is implemented in their company?

Select one:

a. Engineer-oriented companies

b. Finance-oriented companies

c. All of these

d. Customer-oriented companies

The “standard of care” involves:

Select one:

a. High–performing standards.

b. Negative responsibility.

c. Positive responsibility.

d. Blame-responsibility.

A Ford engineer who lobbies (as an individual) in favor of EPA (Environment Protection Agency) fuel efficiency regulations which Ford opposes on a corporate level is most likely engaging in:

Select one:

a. Disobedience by protest

b. None of these

c. Disobedience by non-participation

d. Disobedience by contrary action

‘Engineers shall not disclose confidential information concerning the business affairs or technical processes of any present or former client or employer without his consent”. This statement may best describe:

Select one:

a. Balanced clause of the code of ethics.

b. Neutral clause of the code of ethics.

c. Preventive clause of the code of ethics.

d. Aspirational clause of the code of ethics.

Ethics are heavily influenced by:

Select one:

a. Moral principles.

b. Values and norms.

c. Rules of conduct.

d. All of these.

The absolutist solution in solving boundary-crossing problems, requires that:

Select one:

a. The rule that the laws, customs &amp; values of the home country should always be followed.

b. The best morally available option be applied.

c. The rules be applied loosely.

d. Home country citizens should simply follow host country laws, customs &amp; values, even if they are contrary to home country standards.

Bernard Gert formulated a list of 10 ‘‘moral rules’’ that he believes capture the basic elements of common morality. Which of the following is NOT one of Gert’s rules?

Select one:

a. Don’t cause pain.

b. Don’t deprive of freedom.

c. Don’t learn.

d. Don’t kill

A pharmaceutical company releases a drug that has been governmentally approved with known side effects. Which of the following utilitarian approaches could have been supportive for such decision?

Select one:

a. The rule-utilitarian, because the specifications of use are respected by all patients

b. The act-utilitarian, because the drug is able to help more people than those impacted by the minor side effects

c. The cost-benefit analysis approach, because not producing the drug may cause financial problems to the company

d. The law-utilitarian, because the government has approved the drug

If you are driving at a speed of 30 km per hour in a zone that has a speed limit of 60 km per hour while texting on your mobile phone using WhatsApp application. You suddenly have an accident with another car causing bodily harm to its passengers; your act would be best qualified as:

Select one:

a. Negligent.

b. Reckless.

c. Malicious.

d. Intentional.

The utilitarian ideal of maximizing good consequences and minimizing bad results and providing the ideal of respect for persons are two ways of thinking about moral issues that make use of the idea of:

Select one:

a. The golden rule

b. The act utilitarian approach

c. Universalizability

d. The rule utilitarian approach

63-Which of the below best describes the government regulators’ approach to acceptable risk? Select one:

a. Acceptable risk is one in which risk is justly distributed, or properly compensated. b. Acceptable risk is one in which risk is assumed by free and informed consent, or properly compensated. c. Acceptable risk is determined based on the product of the likelihood &amp; the magnitude of harm. d. Acceptable risk is one in which protecting the public outweighs benefiting the public.

Which of the following statement is correct

In an organization …..

1)An engineer who works for the interest of a company alerted the government that his company did not meet government test standards while his manager attempted to show the opposite . this would be considered as :

Conflict of the interest with company interest

2)Throughout every engineers career a conflict of interest is bound to take place . when this happens . what is the best course of action?

Disclose the situation to employer and anyone else involved

3)Applying the concept of universalizability . if all people lie and violate the principle of being honest , then the action would be :

Self-defeating

4) egocentric refers to the :

Tendency to interpret situations from very limited perspective

5)the absolutist solution in solving boundary-crossing problems , requires that:

The rules that the laws , customs and amp ; values of the home country should always be followed

6) what are the steps in confronting morale dilemmas ?

All of these

7)Dan goes to victor’s place of business and demands monthly payment from victor for the business “protection” from vandalism and after-hours left . fearing that he or his business will suffer ham otherwise . victor agrees to pay Dan . this is an example of:

Bribery

8) Engineer commit to a code of ethics

Endorse high performance stantards

9) integrity , accountability and trust are examples of :

Values

10) Fear of acknowledging mistakes, losing jobs, punishment, retribution or other bad consequences is considered as:

A. Self-Deception.

B. Self-Interest.

C. Microscopic Vision.

D. An impediment to responsible action

11) Samir is engineer working for a company which deals in solar power equipment. Samir discovers that his company isn’t following the safety standards in manufacturing its equipment . he approaches the office of standards and inform them about his discovery . this would be considered as:

Complying with his engineering professional code of ethics

12) common morality includes the set of moral beliefs that a person holds and is:

None of these

13) code of ethics state the engineer’s duties to society, to employers , to client to colleagues , to subordinates , and to the profession . however , when these duties conflict , which group should take precedence ?

Society (the public)

14)

The first and foremost obligation of professional engineers is:

The public welfare

15)snowden’s whistleblowing was done:

Externally and openly

16) framing ethical problems require serval steps except:

Marketing the issues

17) Factual issues are:

sometimes very difficult to resolve

18) organizational disobedience is defined as a protest of, or refusal to follow , an organizational policy or action . responsible engineers may be involved in 3 form of organizational disobedience: by non-participation, by contrary action and by

Whistle-blowing

19) if you are driving at a speed of 200 km per hour in a zone that has a speed limit of 100 km per hour and you have an accident with another car causing bodily harm to its passengers ; you act will be Qualified as :

Reckless

20) when performing engineering experiments, the notion of respect for persons ideal mandates that Participants :

Give informed consent

21)Moral perspective(s) that can be helpful In farming moral problems would be:

All the above

22) what is true regarding line drawing

We use it to access a course of action

23)from the list below which is not a primary characteristic of the business mode?

Hold paramount the safety. Health and amp ; welfare of the public.

24)A rock crusher company in Lebanon decided to stop polluting the litany river basin in order to improve the environmental aspect of the Lebanese society . this attitude towards the environment can be best described as:

Progressive

25) which of the following is not an element of professional ethics?

Interaction rules

26)A biomedical engineer who dedicated his/her life to design of a microscopic insulin pump that delivers inside the body of the diabetic patients in order to improve their quality of life, is mainly driven by:

Aspirational ethics

27)line drawing approach can solve all of the following cases except:

Self-defeating paradigms

28)take the example of a judge sending a murderer to prison. say the judge knows the convict will not commit any more violent crimes, and wants to be lenient based on this knowledge (may be the convict is very old or terminally ill). If the judge decides to let the convict go, this is Supported by

The act utilitarian approach

29) iyad is an engineer working on a collective project with employees of other companies. To ensure the smooth running of the business, he used a process that his company had developed and kept confidential. So far, giving his company and advantage over the competitors. There were no safety concerns or social concerns. These use of this process makes it available and know to other participants in this project. How to describe What iyad did?

Violation of trade secret

30)plagiarism is

The use of the intellectual properties of others without proper permission or credit.

31)when using the line drawing technique to test the concept of bribery for a given situation, we use features such as gift size, timing, reason, responsibility for decision etc… that help in identifying the clear-cut diagram cases. Which of the following could be considered another important features for use in this Analysis?

The product quality

32)many elements can make a bribery case become a paradigmatic one, ehich one of the below is not one of these element?

The gift has an educational and instructional nature

33)line drawing technique are used in the analysis of ethical dilemmas to determine all of the following except:

Malicious intent

34)voicing your concern about the organizations activities, but not engaging in contrary action:

Disobedience by non-participation

35) which of the below is a standard that could be used as a reference by an engineer working abroad to find middle way solutions to cross-boundary problem?

The Golden rules

36) The idea of professional is central to the:

Professional model

37)” Withholding information by omission” is a form of:

Dishonestly

38)Which of the following statement is true?

Cost benefit analysis attempts to place a dollar value on all aspects of given cases, ….

39)Autonomy in the engineering ethics field means

The principle of respect

40) Appropriate ethical thinking requires applying relevant facts using all of the following except:

Personal beliefs

41) What is meant by “safe” would be considered as a:

Conceptual question

42)An engineer experience the conflict of interest when he or she:

None of these

43)an engineer who is guilty of self-deception or ignorance in using defective automobile parts is held morally responsible if accidents occur. This is referred to as:

Obligation responsibility

44)Which of the following is false?

Risk and engineering go hand in hand

45)satisfying standard of care always guarantee that:

A project will not fall

46) An ethical framework that seeks to create the most good for the most people is:

Utilitarianism

47) the resource of the subordinate ….

Extortion

48)In engineering ethics …..

Do what is right

49) All of the following are considered as impediments…

Liability

50)which of the following is incorrect about risk ..

Engineer and government …

51)To effectively reduce liability …

Main professional standards…..

52)Engineers shall not reveal facts …..

Negative ethics

53)Taking protection of the equal moral …

The respect for person approach

54)the line drawing techniques states are

Concentering one only one features will be usually be insufficient ….

55)which of the following you can may consider as an example of ownership…

A peace of software created…

56)Engineers are accountable..

All of these

57)Maximizing good consideration …

Utilitarian

58) There are common feature of human life

We are independent

59)The problem of many hands usually occurs in large company ..

Harm

60) when we choose the option that maximizes good

Act utilitarian approach

61)The rightness of the action to solve ethical issues…

Act utilitarian approach

62)The hierarchy of right involves

All of these

63)Which of the following is not a basis for disciplinary …

Physical incapacity

64) line drawing technique used when ..

Problematic paradigms

65- Which among the following are principles to conserve environment as formulated by CERES?

Select one:

a. Reduction and Disposal of Waste.

b. Environmental Restoration

c. Protection of the Biosphere.

d. All the mentioned points.

66- Embracing a limited perspective where information is usually accurate and precise but limited. This is:

Select one:

a. Microscopic vision

b. Ignorance

c. Self-deception

d. Egocentric tendencies

67-Social contract involves the notion of:

Select one:

a. Promoting positive and welfare aspects of engineering.

b. Codes that are formulated in terms of rules that can be enforced.

c. Avoiding disaster cases.

d. Implicit trust relationship between the professional and the public.

68- Consider there Is a pollutant but we choose to use the funds needed to reduce the pollutant on building shelters for needy people. If we consider that the environment is clean, which criterion are we applying?

Select one:

a. Optimal pollution reduction criterion

b. Normalcy criterion

c. Degree of harm criterion

d. Maximum protection criterion

69- Liability for harm implies that the person caused the harm, but it also implies something about the conditions under which the harm was caused. These conditions can involve such things as:

Select one:

a. Trust, honesty, and fairness

b. Recklessness, disobedience and whistleblowing

c. Malicious intent, recklessness, and negligence

d. Malicious intent, recklessness. and carelessness

70- The following are the characteristics of an organization adopting the Sub-minimal attitude towards environment except:

Select one

a. No full-time personnel assigned to environmental concerns.

b. As few financial resources as possible to environmental matters.

c. The primary goal of the company is to make money.

d. Have good relationships with governmental regulators.

71-A firm is purchasing a fire detection system for offices. The 2 selected suppliers are offering similar products in terms of quality, safety and price. However supplier 1 is negotiating with the manager a bigger deal on another important project. Decision regarding which supplier to select should be

Select one:

a. A line drawing technique should be used

b. A proper management decision

C. More information is needed to assess to situation

d. A proper engineer decision

72- As a member of a higher education institution, you get a ton of emails advertising educational programs around the globe. Knowing that you never applied for these programs or asked to receive any ads about them. This is in violation of your:

Select one:

a. Decisional privacy

b. Proprietary privacy

c. informational privacy

d. Physical privacy

73-Preventive ethics include provisions that are:

Select one:

a. Positive in nature. 0

b. Motivational.

c. Negligent.

d. Prohibitive In character.

74- Utilitarianism is an approach to ethics that means:

Select one:

1. Engineers often face conflicts among ethical principles in the course of their work and must often make difficult decisions
2. Not all ethical precepts can be applied in all situations, but they do provide useful guidelines for media professionals in their behavior
3. Fairness is the fundamental aspect of ethical conduct and people in a dispute should look at the situation outside of their own vested interests in the outcome to decide what is right
4. Whatever dons the most good for the most number of people is best

75- Good works means:

Select one:

a. Self-sacrifice beyond going the extra mile.

b. Exemplary actions that may go beyond what is professionally required.

c. None of these.

d. Heroic ethical behavior.

76- Examining a specific action itself, rather than the general rules governing it. to assess whether it will result in the greatest utility is considered as:

Select one:

a. Cost-benefit analysis.

b. Rule utilitarianism.

c. universalizability.

d. Act utilitarianism.

77- Errors in engineering judgment and practice can be expected to occur as a matter of course. but not all errors are acceptable. Which of the following sentences is correct?

Select one:

a. The engineers are not responsible for any error out of regulatory standards application.

b. No legal liability for any engineer's errors if his work satisfies the basic responsibility of his job as in the employment contract.

c. The professional engineer liability for committed errors is determined by standard of care.

d. An engineer is only liable if the performed work does not COMP, with regulatory standard.

78- In some countries or situations, it is possible to run into paternalism which is:

Select one:

a. Being a good father.

b. Imposing one's will on another for one's own good.

c. Overriding the ability of another person to decide what he or she should do (Or should not do) for the recipient’s own good

d. Equally benefiting the giver and the receiver.

79- Which of these statements is true regarding professions and occupations?

Select one:

a. Some occupations are professions

b. in most countries, engineering is not only an occupation. but also a profession.

c. All of these,

d. All professions are occupations.

80- when firms accept government regulation as a cost of doing business but often without enthusiasm or commitment then the attitude toward the environment is:

Select one:

1. Minimalist attitude
2. Sub-minimal attitude
3. Non-compliance attitude
4. Progressive attitude

81. In the Columbia Space Shuttle Disaster case study. NASA managers convinced themselves that past successes are indication that a known defect (foam strikes) would not cause problems. This impediment is an example of:

Select one:

a. Self-Interest

b. Egocentric Tendencies

c. ignorance

d. Self-Deception

82. Groupthink refers to:

Select one:

a. Fear.

b. Infatuation.

c. Groups coming to agreement at the expense of critical thinking.

d. Self-Deception.

83. A key requirement for framing ethical problems is:

Select one:

a. To focus on known facts and ignore the unknown facts

b. To have a good understanding of the underlying ethical concepts

c. To treat all facts as equally important

d. To determine not only relevant facts, but also irrelevant facts

84. In the "Standards of Care”. engineers have:

Select one:

a. none of these

b. The right not to fulfill the basic responsibilities of their job as defined by the terms of their employment.

c. A professional obligation to conform to the standard operating Procedures and regulations that apply to their profession.

d. To avoid going beyond lob responslbility.

85. Viewing oneself as both agent and recipient is a requirement of:

Select one:

a. The rule approach.

b. The golden rule approach.

c. The act utilitarian approach.

d. The cost-benefit utilitarian approach.

86. Creative middle way between conflicting values is a resolution in which:

Select one:

a. None of the conflicting demands are at least Partialy met

b. All of these.

c. All of the conflicting demands are at least partially met.

d. Some of the conflicting demands are at least partially met.

87. Engineering ethics is the Field that:

Select one:

a. Includes the principles and standards guiding immoral conduct in everyday …

b. None of these

c. Has an indirect impact on the quality

d. Examines and sets the obligations by engineers to society

88. Engineering standards include:

Select one:

a. Quality.

b. Competency.

c. All of these.

d. Efficiency.

89. The factory that produces industrial paints requires more than 500 different raw materials. Some of these substances may threaten the health of workers ….

Select one:

a. The risk is justify distributed on all employes and stackholders.

b. The total cost of preventing the risk is greater than the cost of non preventing the risk.

c. Protecting the public from harm has been weighted…

d. The probability is sufficiently small that adverse affect of hazard…

90. Ethics are heavily influenced by:

Select one:

a. Rules of conduct

b. All of these

c. Values and norms

d. Moral principles

91. Responsible action by a professional engineer may be impeded by:

Select one:

a. Acknowledging mistakes

b. Having an open mind when analyzing ethical issues.

c. Critical thinking.

d. Groupthink

92. considering that environment is clean when we eliminate any identifiable risk of pollution that poses a possible threat to human health …

Select one:

a. Normalcy criterion

b. Maximum protection criterion

c. Comparative criterion

d. Demonstable harm criterion

93. Justice requires avoiding the use of discrimination in the selection of research participants, with special attention:

Select one:

a. Powerful politicians

b. Influential lobby groups

c. The elderly

d. All of these

94. What is true about the relation between engineers and risks?

Select one:

a. Engineers have to accept risk ….

b. Engineers should be aware of the …..

c. Engineers can’t increase the chance …….

d. Engineers are not able to increase the risk …..

95. Engineers shall not disclose confidential concerning the business affairs or technical processes of any present or former client …..

Select one:

a. Balanced …

b. Preventive clause …

c. Neutral clause ….

d. Aspirational clause ….

96. Whenever they are requested to provide their technical input in cases that involve defective products, engineers should:

Select one:

a. Not feel the need to withhold information.

b. show strong bias in favor of the defective product.

c. Be willing to accept grease payments.

d. show paternalistic attitude towards the owner …

97. The accepted standards of right and wrong that are usually applied to personal behavior are:

Select one:

a. Laws.

b. Etiquettes.

c. Ethics.

d. Morals.

98. A company decided to open a new unit for soap production and you were appointed as the head of this unit……

Select one:

a. Bribery

b. Extortion

c. Grease payment

d. Exploitation

99. All the following are true except:

Select one:

a. A high level of technical expertise ……

b. Professionals are expected to utilize ….

c. In order to serve the public effectively ….

d. The expertise possessed by engineers is vitally ….

100. Engineering is a profession that has the following characteristics:

Select one:

a. Control of services.

b. All of these

c. Autonomy in the workplace

d. Claim to ethical regulation

**The new questions:**

1-A plant discharges a pollutant into the local river where it is ingested by fish. People eat the fish and experience health problems. Eliminating the discharge is so expensive which will lead to many leaving their jobs and an economic crisis in the community. What kind of analysis should be used in this case?

1. Framing problem analysis b. Cost-benefit analysis c. General principal analysis d. Inanimateness analysis

2-If you are driving at a speed of 30 km per hour in a zone that has a speed limit of 60 km per hour while texting on your mobile phone using WhatsApp application. You suddenly have an accident with another car causing bodily harm to its passengers; your act would be best qualified as:

Select one:

a. Reckless.

b. Negligent.

c. Intentional.

d. Malicious.

3-Professional character traits do not include: Select one: a. Social awareness. b. Technological perfection. c. Pride in technical excellence. d. Environmental consciousness

4-Which of the following statements is false? Select one: a. Risk and Safety have an inverse relation b. Risk can be identified as danger in most cases c. Risk and engineering go hand in hand d. Engineers focus on positive and negative aspects of projects (i.e. threats and opportunity) Clear my choice

5-The factory that produces industrial paints requires more than 500 different raw materials. Some of these substances may threaten the health of workers. From the Engineer’s approach, the risk of using these materials is morally acceptable if:

Select one:

a. Protecting the public from harm has been weighted more heavily than benefiting the public.

b. The probability is sufficiently small that adverse effect of hazard will fall below a threshold of the minimum level of capabilities attained.

c. The total cost of preventing the risk is greater than the cost of not preventing the risk.

d. The risk is justly distributed on all employees and stakeholders.

6-Which among the following are principles to conserve environment as formulated by CERES?

Select one:

a. All the mentioned points.

b. Protection of the Biosphere.

c. Environmental Restoration

d. Reduction and Disposal of Waste.

7-What is true about the relation between engineers and risks? Select one: a. Engineers are not able to increase the risk to the public by allowing increase number of deviancies from proper standards of safety and acceptable. b. Engineers can’t increase the chance of risks to take place by a process, which may not be fully realized until an accident occurs. c.Engineers should be aware of the fact that different social groups have different definitions of acceptable risk and different agendas regarding proper management of risk. d. Engineers have to accept risk liability when not making engineering decisions consistent with the safety, health, and welfare of the public

8-Some of the guidelines for facilitating solutions to ethical dilemmas in professional practice include: Select one: a. Seek additional assistance, as appropriate – engineering codes of ethics, previous cases peers, reliance on personal experience, etc. b. All of these. c. Determine the facts in the situation; obtain all of the unbiased facts possible. d. Select the best course of action - that which satisfies the highest core ethical values.

9-Which of the following is not a step of cost-benefit analysis approach? Select one: a. Look for the nature of the action. b. Assessment of the available options. c. Assessment of the cost and the benefit of each option. d. Selection of the option that is likely to result in the greatest benefit relative to cost. Clear my choice

10-Engineers may receive less information for making decisions in: Select one: a. Social oriented companies b. Finance-Oriented Companies. c. Engineer-Oriented Companies d. Customer-Oriented Companies.

11-How to frame ethical issues? Select one: a. Look for explicit and implicit guidelines relevant to the situation. b. Identify and apply underlying principles affecting the decision. c. All of these d. Identify the ethical problem in operational terms.

12-Good ethical thinking requires: Select one: a. Reaching a common ground on the facts and ethical consideration. b. Getting clear about the meanings of ethical concepts. c. All of these. d. Knowing the facts.

13-Engineers shall not disclose confidential information concerning the business affairs or technical processes of any present or former client or employer without his consent”. This statement may best describe: Select one:

a. Preventive clause of the code of ethics. b. Neutral clause of the code of ethics. c. Balanced clause of the code of ethics. d. Aspirational clause of the code of ethics.

14-Do not kill. Do not steal. Protect your brother. Help needy people. These are examples of: Select one: a. Common Morality b. Personal Morality c. Preventive Ethics d. Aspirational Ethics

15-‘Prima facie’’ duties developed by Ross to list basic human duties or obligations include: Select one: a. Duties resting on our previous acts. b. Duties of self-improvement. c. All of these. d. Duties of justice.

16-Fear of acknowledging mistakes, losing jobs, punishment, retribution or other bad consequences is considered as:

Select one:

a. Microscopic Vision.

b. An impediment to responsible action.

c. Self-Deception.

d. Self-Interest.

17-What is true regarding line drawing technique? Select one:

a. Problematic paradigm is the case that is uncontroversially wrong

b. We cannot use it in concepts’ analysis

c. We choose the option that is closer to negative paradigm

d. We use it to assess a course of action

18-There are situations in which two or more moral rules or duties seem to apply and in which they appear to imply different and incompatible moral judgments. This occurs often in engineering ethics, as in other areas. It is a case of: Select one: a. Creative middle way solutions b. None of these c. Common morality d. Values

19-From the list below, which is not a primary characteristic of the business model? Select one: a. Make profit within the boundaries set by law. b. Hold paramount the safety, health &amp; welfare of the public. c. Persuade governmental regulators that a great deal of autonomy should be granted in the workplace. d. Gain a monopoly over certain services to increase profit.

20-An engineer who is guilty of self-deception or ignorance in using defective automobile parts is held morally responsible if accidents occur. This is referred to as: Select one: a. Obligation-responsibility b. None of these. c. Standard of Care d. Blame-Responsibility

21-Preventive ethics include provisions that are: Select one: a. Prohibitive in character. b. Negligent. c. Positive in nature. d. Motivational

22-The three types of ethics or morality are: Select one: a. Common morality, personal morality, and professional ethics b. Common morality, liable morality, and professional morality c. Common morality, liable morality, and business morality d. Common ethics, responsible morality, and professional morality

23-When we choose the option that maximizes good for the audience in regards to the consequences of the actions, which approach we are adopting? Select one: a. Golden rule approach b. Rule utilitarian approach c. Utilitarian thinking d. Act utilitarian approach

24-Maximizing good consequences and minimizing bad ones is the main philosophy of: Select one: a. All of these. b. Respect for persons ideal. c. The Golden Rule. d. Utilitarianism.

25-All of the following are true except: Select one: a. The expertise possessed by engineers is vitally important to the public welfare. b. Professionals are expected to utilize their dependent judgment in carrying out their professional responsibilities. c. In order to serve the public effectively, engineers must maintain a high level of technical competence. d. A high level of technical expertise without adherence to ethical guidelines is as much a threat to public welfare as is professional inco

26-Government approach of risk focuses on: Select one: a. Private benefit b. Capabilities. c. Public benefit d. Degree of harm.

27-Creative middle way between conflicting values is a resolution in which: Select one: a. None of the conflicting demands are at least partially met. b. Some of the conflicting demands are at least partially met. c. All of these. d. All of the conflicting demands are at least partially met.

28-In every technical meeting, Cynthia always agrees with all the decisions taken by her smart and successful colleagues from the Safety Department of the company, regardless of whether she thinks these decisions are technically correct or not. Cynthia seems to be affected by: Select one: a. A high level of loyalty to the organization. b. Paternalism. c. Groupthink. d. Free and informed consent.

29-In order for compensation to be awarded to a plaintiff in a tort liability case, the defendant must have: Select one: a. Performed under supervision. b. Signed a contract of performance. c. Been willfully negligent. d. Caused injury to the plaintiff.

30-When applying engineering ethics, an engineer’s priority and primary responsibility is to protect first: Select one: a. The public/community safety, welfare, and health. b. All of these c. The client who brings in the investments to the company (to your employer). d. The environment.

31-In host countries, this factor does not produce boundary-crossing problems: Select one: a. Low levels of scientific and technical sophistication. b. Low levels of economic development. c. The practice of negotiating tax rates. d. International business standards.

32-Appropriate ethical thinking requires applying relevant facts using all of the following except: Select one: a. Personal beliefs. b. Criteria of common morality. c. Legal rules. d. Moral concepts.

33-All of the following are considered as impediments to responsible action except: Select one: a. Liability. b. Egocentric tendencies. c. Uncritical acceptance of authority. d. Fear.

34-Maya blames technology for defragmenting family gatherings during winter around the chimney. She argues that her children are always on the phone instead of talking to each other. Maya holds the following view of: Select one: a. Technological Optimism b. Universalizability c. Technological Pessimism d. Technological determinism

35-When the utilitarian and respect for persons’ standards lead to conflicting conclusions, it is said that we have: Select one: a. Convergence. b. Difference. c. None of these. d. Divergence.

36-All of the following are true except: Select one: a. Professionals have no autonomy in the workplace. b. Professions are self-regulating, in that they control the training and evaluation processes that admit new persons to the field. c. Professions are based on a large knowledge base requiring extensive training. d. Professional skills are important to the wellbeing of society.

37-Viewing oneself as both agent and recipient is a requirement of: Select one: a. The rule approach. b. The act utilitarian approach. c. The cost-benefit utilitarian approach. d. The golden rule approach.

38-A situation in which an engineer’s loyalty and obligations may be compromised because of self-interests or other loyalties and obligations would be best described as:

Select one:

a. Conflict of interest.

b. Interaction rules.

c. Conceptual issue.

d. Concern of interest.

39-Integrity, accountability, and trust are examples of: Select one: a. Well-being. b. Inanimateness. c. Values. d. Autonomy.

40-The approach to risk where more importance is given to avoiding harm to the public than to doing good to them is called: Select one: a. Benefits approach b. Capabilities approach c. Government approach d. Public approach

41-In framing cases the approaches that are usually followed are: Select one: a. Cost-benefit approach, act utilitarian approach and/or rule utilitarian approach. b. General principles and/or common grounds. c. Golden rule approach, self-defeating approach, and/or respect for persons approach. d. Duty ethics, rights ethics and/or virtue ethics.

42-When a manager makes a decision based on insufficient knowledge due to organization hierarchy, then this is:

Select one:

a. Uncritical acceptance of authority.

b. Ignorance.

c. Self-interest.

d. Self-deception

43-An engineer has doubts regarding the data he received from a supplier; however he uses the data as is without further investigation. What statement best describes this situation? Select one: a. This is a form of dishonesty as the engineer fails to seek out the truth b. Fear is an impediment to responsible action c. This is an example of deliberate deception d. The engineer is doing his job in full honesty as he is not lying

44-Groupthink refers to: Select one: a. Groups coming to agreement at the expense of critical thinking. b. Fear. c. Infatuation. d. Self-Deception.

45-The focus of professional ethics is on: Select one: a. Self-regulation through standards adopted by professionals b. Moral beliefs that a person holds c. None of these d. Moral beliefs shared by almost everyone

46-Engineers shall not reveal facts, data, or information without the prior consent of the client or employer except as authorized by law.” This statement is an example of: Select one: a. Environmental consciousness b. Negative ethics c. Good works d. Aspirational Ethics

47-Suppose engineer Mike is responsible for designing the water pump. He must choose between two different systems A and B. Here are details about both systems: On a scale very Low 1 to 5 Very high. System A: Technical quality (5), Safety (4), Cost (3), Scheduling (4), Marketing (4). System B: Technical quality (2), Safety (2), Cost (3), Scheduling (5), Marketing (4). The decision to select the system should be a: Select one: a. A coordinated decision between manager and engineer b. A top management decision c. Proper management decision (PMD) d. Proper Engineering decision (PED).

48-What are the steps in confronting moral dilemmas? Select one: a. Get suggestions and weigh all the relevant moral factors and reasons in light of the facts before producing a reasoned judgment b. Rank the moral considerations and consider alternative courses of actions as ways of resolving dilemma c. Identify the relevant moral factors and reasons d. All of these

49-A pharmaceutical company releases a drug that has been governmentally approved with known side effects. Which of the following utilitarian approaches could have been supportive for such decision? Select one: a. The law-utilitarian, because the government has approved the drug b. The rule-utilitarian, because the specifications of use are respected by all patients c. The act-utilitarian, because the drug is able to help more people than those impacted by the minor side effects d. The cost-benefit

The cost-benefit analysis approach, because not producing the drug may cause financial problems to the company

50-Considering that environment is clean when we eliminate any identifiable risk of pollution that poses a possible threat to human health pertains to which criterion? Select one: a. Demonstrable harm criterion b. Comparative criterion c. Normalcy criterion d. Maximum protection criterion

51-To effectively reduce liability exposure, the professional engineer may: Select one: a. Maintain professional standards in practice. b. Provide clients with frequent progress reports. c. Work under the supervision of a senior engineer. d. Pursue continuing educational opportunities

52-From professional perspective, Monopoly is required to: Select one: a. Protect the public from unqualified practitioners. b. Increase professional profitability and produce more satisfying professional services. c. Control the distribution of services. d. Promote economic self-interest.

53-Plagiarism is: Select one: a. Discarding data that don’t fit one’s favored theory. b. Inventing data and reporting results of experiments that were never conducted. c. The use of the intellectual property of others without proper permission or credit. d. Distorting data by smoothing out irregularities.

54-The rightness of the action to solve the ethical issue is determined solely by its consequences. This method is best described as: Select one: a. Cost-benefit analysis. b. Rights approach. c. Rule-utilitarian approach. d. Act-utilitarian approach.

55-The act utilitarian approach focuses attention on: Select one: a. The consequences of particular actions. b. Malicious intent. c. All of these. d. Having commonly accepted rules that enable us to predict reliably what others will do.

56-The problem of many hands usually occurs in large organizations where many individuals had a hand in causing: Select one: a. Negligence. b. Harm. c. Welfare. d. None of these.

57-Provisions that are negative and prohibitive in character such as do not, shall not, only, etc. are central to: Select one: a. Aspirational ethics. b. Preventive ethics. c. Norms. d. Personal morality.

58-Bernard Gert formulated a list of 10 ‘‘moral rules’’ that he believes capture the basic elements of common morality. Which of the following is NOT one of Gert’s rules? Select one: a. Don’t kill. b. Don’t learn. c. Don’t cause pain. d. Don’t deprive of freedom.

59-Engineering is a profession that has the following characteristics: Select one: a. Autonomy in the workplace. b. Claim to ethical regulation. c. All of these. d. Control of services.

60-Which of the below suggestions is NOT preferred to be adopted by engineers who experience a conflict between loyalty to their employer and loyalty to their profession, but still would like to act ethically without causing harm to themselves? Select one: a. When facing their employers, engineers should not focus on the emotional side of their complaint. Instead, they should address the technicality of the issues at stake. b. The engineers should keep a written record of the complaint related to the conflict. c. It should be possible for a non-biased third party to intervene in the resolution of the conflict. d. The engineers should always immediately go public about the complaint related to the conflict, before even addressing it with their employers.

61-Which of the below is a standard that could be used as a reference by an engineer working abroad to find middle way solutions to cross-boundary problems?

Select one:

a. Whistleblowing.

b. The Golden Rule.

c. Paternalism.

d. Moral Rigorism.

62-A good example of bribery case: Select one: a. Engineer Yasser received today a commission check from a supplier of raw materials chosen by Yasser for his company's bill last week. b. Coca-Cola hired hundreds of Egyptians to plant orange trees on thousands of acres of desert. c. A chemical engineer accepts a periodic table printed on the mouse pad (the price is about $ 0.7) as a gift from a chemical dealer before purchasing a chemical order to the company from this dealer. d. The gift-giving not being done in secret and its satisfying something more than the self-interest of an individual.

63-Which of the below best describes the government regulators’ approach to acceptable risk? Select one: a. Acceptable risk is one in which risk is justly distributed, or properly compensated. b. Acceptable risk is one in which risk is assumed by free and informed consent, or properly compensated. c. Acceptable risk is determined based on the product of the likelihood &amp; the magnitude of harm. d. Acceptable risk is one in which protecting the public outweighs benefiting the public.

64-The term professional character refers to: Select one: a. The set of character traits that would make an engineer a good engineer. b. All of these. c. Those character traits that serve to define the kind of person one is, professionally speaking. d. Professional expertise in engineering includes not only the obvious proficiencies in mathematics, physics, and engineering science but also those capacities and sensitivities that only come with a certain level of experience.

65-As engineers, you are bound by which of the following types of ethics/morality? Select one: a. Personal morality b. Common morality c. Professional ethics d. All of the choices

66-The following are the characteristics of an organization adopting the Sub-minimal attitude towards environment except: Select one: a. Have good relationships with governmental regulators. b. No full-time personnel assigned to environmental concerns. c. As few financial resources as possible to environmental matters. d. The primary goal of the company is to make money.

67-A country requires all companies working on its territories to pay big amounts of money to be able to operate without restrictions. If you work for one of these companies you would be involved in: Select one: a. Paying bribes b. Extortion c. Grease payments d. Excessive large gifts Clear my choice

68-The drawback of granting legal protection to intellectual properties is: Select one: a. All answers are correct b. Reduce utility c. Reduce the quality. d. Increase the price.

69-A decrease in the engineer’s sense of personal accountability for consequences for the public: Select one: a. Fear. b. Ignorance. c. Uncritical Acceptance of Authority. d. Self-Deception.

70-A biomedical engineer who dedicated his/her life to the design of a microscopic insulin pump that delivers insulin inside the body of diabetic patients in order to improve their quality of life, is mainly driven by: Select one: a. Aspirational ethics. b. Reckless behavior. c. Self-deception. d. Preventive ethics.

71-Examining a specific action itself, rather than the general rules governing it, to assess whether it will result in the greatest utility is considered as: Select one: a. Cost-benefit analysis. b. Act utilitarianism. c. Universalizability. d. Rule utilitarianism.

72-Embracing a limited perspective where information is usually accurate and precise but limited. This is: Select one: a. Self-deception b. Egocentric tendencies c. Microscopic vision d. Ignorance

73-The resources of the subordinate party as natural resources or labor are used without adequate compensation, is a condition of: Select one: a. Grease payment. b. Extortion c. Bribery. d. Exploitation

74-Unknowingly of its presence, Nabil didn’t follow the new safety standard in his design of a villa. This standard was issued in response to a disastrous case which occurred a year ago. His act would be best qualified as: Select one: a. Malicious. b. Negligent. c. Reckless. d. Intentional.

75-Engineer Ali suspects that some of the data he received from the laboratory are inaccurate. In spite of his suspicions, he uses the results as they are. What form of dishonesty is Ali practicing? Select one: a. Lying b. Deliberate Deception c. Failure to seek out the truth d. Withholding Information

76-Using the line drawing technique, ethical cases may be classified as all of the following except: Select one: a. Functional paradigms. b. Problematic paradigms. c. Positive paradigms. d. Negative paradigms.

77-Dan goes to Victor's place of business and demands monthly payment from Victor for the business's "protection" from vandalism and after-hours theft. Fearing that he or his business will suffer harm otherwise, Victor agrees to pay Dan. This is an example of: Select one: a. Extortion b. Bribery c. Excessive gifts d. Grease payments

78-Which kind of professional ethics is the following: Using professional knowledge to advance human well-being? Select one: a. Aspirational ethics b. Preventive ethics c. Prohibitive ethics d. All of these

79-In the Pinto car case, what approach was used by Ford to justify not installing the designed piece that would protect the fuel reservoir of the car from rupturing upon rear car collisions?

Select one:

a. Act utilitarian approach.

b. Golden rule approach.

c. Cost benefits approach.

d. Rights approach.

80-Today, due to the microwaved and pre-prepared foods, family members often eat in solitude by themselves, which may affect family bonds. This example could serve to illustrate

Select one:

a. The various forms of dishonesty among family members.

b. The difference between moral rigorism and moral laxism.

c. The idea of technological pessimism.

d. Robert Jackall’s pessimistic picture on technology.

81-Sometimes keeping a promise will harm someone, as will telling the truth. This situation is called:

Select one:

a. Fact.

b. approach

c. Dilemma.

d. Concept

82-Aspirational ethics emphasize the idea of:

Select one:

a. Codes that are formulated in terms of rules that can be enforced.

b. Promoting positive and welfare aspects of engineering.

c. Provisions that are negative and prohibitive in character.

d. Avoiding disaster cases.

83-Ethics are heavily influenced by:

Select one:

a. All of these.

b. Values and norms.

c. Moral principles.

d. Rules of conduct

84-Sound judgment does not involve:

Select one:

a. A well-developed moral sense.

b. Careful deliberation.

c. Moral luck.

d. Experience.

85-The professional model is based on:

Select one:

a. Social contract.

b. Gaining a monopoly over certain services to increase profit.

c. Avoid applying legal regulation.

d. None of these

Controversial terms include:

Paradigm

Samir is an engineer working for a company which deals in solar power equipment. Samir discovers that his company isn’t following the safety standard in manufacturing its equipment. He approaches the Office of Standards and inform them about his discovery. This would be considered as:

a. Conflict of interest with the company’s interest.

b. Violating the standard of care toward the company.

c. Violating his company’s code of ethics.

d. Complying with his engineering professional code of ethics.

Egocentricity refers to the:

Select one:

a. Tendency to interpret situations from very limited perspectives.

A manager who always looks into the details in a very accurate manner but misses the whole picture may be subject to impediment action due to:

Select one:

1. Self-deception

Adopting the progressive attitude is supported by all of the following except:

Anthropocentric ethics

As a member of a higher education institution, you get a ton of emails advertising educational programs around the globe, knowing that you never applied for these programs or asked to receive any ads about them. This is in violation of your:

a. Decisional privacy

b. Proprietary privacy

c. Physical privacy

d. Informational privacy

In order to prevent the spread of COVID 19, all Lebanese people were forced to stay home. Which of the following general way of thinking did the government apply in dealing with this moral issue:

a. Respect for persons

b. None of these

c. Utilitarianism

d. Reversibility

Which of the following is not a basis for disciplinary action under the professional engineering code of conduct?

Select one:

a. All of these.

b. Conviction of a serious criminal offence.

c. Negligence.

d. Physical incapacity.

While using the line-drawing technique to solve ethical problems, cases may be classified as:

Select one:

a. Problematic paradigms

b. Positive paradigms

c. All of these

d. Negative paradigms

What gives ethical validity to the procurement informed consent?

Select one:

a. Quality of the disclosed information

b. Capacity of the participant to consent

c. Quality of the interaction between the prospective participant and the recruiting physician/investigator

d. Detailed documentation of the process

Reducing pollution would be a good example of:

Select one:

a. Aspirational ethics.

b. Common morality.

c. Personal ethics.

d. None of these.

From an ethical perspective, easy choices can be made when:

Select one:

a. One value clearly has a higher priority than the other.

b. None of these.

c. We are not able to honor some real and important values in a way that we consider desirable.

d. There are situations in which two or more moral rules or duties seem to apply and in which they appear to imply different and incompatible moral judgments.

The first and foremost obligation of professional engineers is:

Select one:

a. The employer.

b. The government.

c. The engineering profession.

d. The public welfare.

Line-drawing approach can solve all of the following cases except:

Select one:

a. Problematic paradigms

What is wrong in the following statement that is trying to reproduce the definition of “Profession” made by Philosopher Michael Davis: “A profession is a number of individuals in different occupations voluntarily organized to earn a living by openly serving a moral ideal in a morally permissible way beyond what law, market, morality, and public opinion would otherwise require.”?

Select one:

a. “Individuals”, should be “companies”.

b. “Different occupation”, should be “the same occupation”

c. “Openly” should be “closely”.

d. The statement reproduces correctly Davis’s definition.

“Engineering ethics is the field that:

a. Includes the principles and standards guiding immoral conduct in everyday life or in a special field or profession.

b. Has an indirect impact on the quality of life for all people.

c. None of these

d. Examines and sets the obligations by engineers to society, to their clients, and to the profession.

An engineer who works for the interest of a company alerted the government that his company did not meet government test standards while his managers attempted to show the opposite. This would be considered as:

Select one:

a. Conflict of interest with the company’s interest.

b. Violating the standard of care toward the company.

c. Complying with his engineering professional code of ethics.

d. Violating his company’s code of ethics.

Buying a car from a trusted friend who testifies that the car is in good shape is not risky, whereas buying a car from a used car salesman whom we do not know is risky. This conception of risk is known by:

Select one:

a. None of these.

b. The engineer’s approach to risk

c. The public’s approach to risk

d. The government regulator’s approach to risk

Whenever they are requested to provide their technical input in cases that involve defective products, engineers should

Select one:

a. Show paternalistic attitude towards the owner of the defective product.

b. Show strong bias in favor of the defective product.

c. Not feel the need to withhold information.

d. Be willing to accept grease payments.

All of the following statements are true except:

Select one:

a. Understanding and insight are necessary to define the problem and to envisage the constraints which limit the range of potential solutions

b. Only formal mathematical methods and techniques can be used to resolve ethical problems.

c. Creativity and innovation are both required in generating a number of alternative possibilities and analytical techniques must be applied to study feasibility and to obtain the optimum or 'best' solution.

d. Problem solving in a practical setting requires more than analytical skills alone

Engineering is a profession that has the following characteristics:

Select one:

a. Autonomy in the workplace.

b. All of these.

c. Control of services.

d. Claim to ethical regulation.

Autonomy in the engineering ethics field means:

Select one:

a. The principle of respect for persons, and of individual self-determination consistent with personal liberty of action in accordance with a plan chosen only by oneself.

b. The principle that the engineer should tell the truth (honesty is the best policy).

c. The principle that an engineer should keep one's promises.

d. Moral principle that the engineer should help others further their important and legitimate interests.

Liability for harm implies that the person caused the harm, but it also implies something about the conditions under which the harm was caused. These conditions can involve such things as:

Select one:

a. Malicious intent, recklessness, and negligence

b. Recklessness, disobedience and whistleblowing

c. Malicious intent, recklessness, and carelessness

d. Trust, honesty, and fairness

A Ford engineer who lobbies (as an individual) in favor of EPA (Environment Protection Agency) fuel efficiency regulations which Ford opposes on a corporate level is most likely engaging in:

Select one:

a. Disobedience by contrary action

b. Disobedience by protest

c. None of these

d. Disobedience by non-participation

The accepted standards of right and wrong that are usually applied to personal behavior are:

Select one:

a. Etiquettes.

b. Laws.

c. Morals.

d. Ethics.

Moral perspective(s) that can be helpful in framing moral problems would be:

Select one:

a. All of these

b. None of these.

c. Respect for persons.

d. The utilitarian ideal of promoting the greatest good

“Withholding information by omission” is a form of:

Select one:

a. Dishonesty.

A company decided to open up a new unit for soap production and you were appointed as the head of this unit. Four Lye sellers decided to get in contact with you concerning the supply of NaOH (a major component of soap making). In order to get approved for the bid, two of the companies mentioned earlier provide you with 300 kg of their product to test. When the third and fourth company heard about this, they provided 450 kg of NaOH for you to test. This is an example of:

Select one:

a. Grease payment

b. Bribery

c. Extortion

To understand the importance of facts in a moral controversy, the following theses about factual issues may be used:

Select one:

a. Factual issues are sometimes very difficult to resolve.

b. Once the factual issues are clearly isolated, disagreement can reemerge on another and often more clearly defined level.

c. All of these.

d. Moral disagreements often turn out to be disagreements over the relevant facts.

The rightness of the action to solve the ethical issue is determined solely by its consequences. This method is best described as:

Select one:

a. Act-utilitarian approach.

Lying, a form of dishonesty, involves something that is believed to be false or seriously misleading, and is

Select one:

a. Stated in words &amp; made with the intention to deceive.

b. Stated in gestures &amp; made with the intention to deceive

c. Stated in words &amp; not made with the intention to deceive

d. Made with the intention to self-deceive

Carl Clark is a scientist who worked on developing air bags, advocated air bags on bumpers and wearable air bags for the elderly. He was not getting paid for most of his working time. What best describes his work?

Select one:

a. Ordinary positive engineering

b. Personal morality

c. Good works

d. Preventive ethics

The practice of offering something (usually money) in order to gain an illicit advantage is:

Select one:

a. Bribery.

b. Fraud.

c. Facilitation.

d. Cheating.

Jad hired illegal 16 years refugees to work in his fabric industry. He pays them minimum wages without any benefits. Which of the following acts is Jad exercising?

Select one:

a. Nepotism

b. Extortion

c. Paternalism

d. Exploitation

Common morality includes the set of moral beliefs that a person holds and is:

Select one:

a. Not related to professional ethics.

b. Influential in professional ethics.

c. The same as personal ethics.

d. None of these.

In some countries or situations, it is possible to run into paternalism which is:

Select one:

a. Overriding the ability of another person to decide what he or she should do (or should not do) for the recipient’s own good.

The resources of the subordinate party as natural resources or labor are used without adequate compensation, is a condition of:

Select one:

a. Extortion

b. Exploitation

From the list below, which is not a primary characteristic of the professional model?

Select one:

a. May seek monopoly or at least considerable control.

b. Implicit trust relationship with the public.

c. Persuade governmental regulators that a great deal of autonomy should be granted in the workplace

Making a distinction between an evaluation of a person’s actions and an evaluation of his intention is a characteristic of:

Select one:

a. Professional Ethics

b. None of these.

c. Personal Morality

d. Common Morality

Errors in engineering judgment and practice can be expected to occur as a matter of course, but not all errors are acceptable. Which of the following sentences is correct?

Select one:

a. The professional engineer liability for committed errors is determined by the standard of care.

b. The engineers are not responsible for any error out of regulatory standards application.

c. An engineer is only liable if the performed work does not comply with regulatory standards.

d. No legal liability for any engineer’s errors if his work satisfies the basic responsibility of his job as in the employment contract.

What should happen in case an engineer broke the code of ethics?

Select one:

a. Engineer will be held personally responsible

b. Engineer may be held legally and personally responsible

c. Engineer will be fined and jailed

d. Verbal and written warnings

Organizational disobedience is defined as a protest of, or refusal to follow, an organizational policy or action. Responsible engineers may be involved in 3 forms of organizational disobedience: by non-participation, by contrary action and by:

Select one:

a. Objection

b. Ignorance

c. Whistle-blowing

Which of the following you may consider as an example of ownership based on the “Labor Theory of Ownership”?

Select one:

a. A machine rented for a fixed cost and duration

b. A piece of software purchased legally from a public store

c. A piece of software created by a programmer based on the use of common and basic ideas and algorithms

d. A car bought from a car dealer for a fixed price

Utilitarianism is an approach to ethics that means:

Select one:

a. Engineers often face conflicts among ethical principles in the course of their work and must often make difficult decisions

b. Fairness is the fundamental aspect of ethical conduct and people in a dispute should look at the situation outside of their own vested interests in the outcome to decide what is right

c. Whatever does the most good for the most number of people is best

d. Not all ethical precepts can be applied in all situations, but they do provide useful guidelines for media professionals in their behavior

An ethical framework that seeks to create the most good for the most people is:

Select one:

a. Utilitarianism

If you are driving at a speed of 200 km per hour in a zone that has a speed limit of 100 km per hour and you have an accident with another car causing bodily harm to its passengers; your act would be qualified as:

Select one:

a. Negligent.

5. Liability for harm involves: A. Malicious intent. B. Recklessness. C. Negligence. D. Any of the above.

What is true about technology?

Select one:

a. Technology is embedded in a social context and both influences and is influenced by the larger society.

Which of the following statements about risks is incorrect?

Select one:

a. Engineers and government share the same approach toward risks.

b. Engineers should be aware of different perspectives when dealing with risks.

c. Engineers are likely to use cost-benefit approach to determine an acceptable risk.

d. Engineers should adopt a critical attitude toward the assessment of risks.

Examining a specific action itself, rather than the general rules governing it, to assess whether it will result in the greatest utility is considered as:

Select one:

a. Cost-benefit analysis.

b. Rule utilitarianism.

c. Act utilitarianism.

d. Universalizability.

Ya b ya d absr

Controversial …. What include

a. Utilitarianism.

b. Paradigms.

c. All of these.

d. Universalizability.

When performing engineering experiments, the notion of respect for persons ideal mandates that participants:

Select one:

a. Give informed consent.

b. None of these.

c. Be convinced to participate in the experiments.

d. Sign legal papers without necessarily reading them carefully.

The following are the characteristics of an organization adopting the Sub-minimal attitude towards environment except:

Select one:

a. No full-time personnel assigned to environmental concerns.

b. The primary goal of the company is to make money.

c. Have good relationships with governmental regulators.

d. As few financial resources as possible to environmental matters.

**Offering money or a gift to change the behavior of the recipient:**

**Select one:**

**a. Bribery**

**b. Nepotism**

**c. Paternalism**

**d. Exploitation**

**Taking protection of the equal moral standing of all members in the community as the primary concern is the base of:**

**Select one:**

**a. The respect for persons approach**

**b. The cost benefit approach**

**c. The act utilitarian approach**

**d. The rule utilitarian approach**