



BRAINWARE UNIVERSITY

Term End Examination 2023

Programme – B.Tech.(EE)]-2021

Course Name – Values and Ethics in Profession

Course Code - HM-EE401

(Semester IV)

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Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) Infer why engineering ethics is important.
- | | |
|--|--|
| a) It helps engineers avoid legal and financial consequences | b) It helps engineers improve their technical skills |
| c) It helps engineers increase their income | d) It helps engineers make moral and ethical decisions |
- (ii) Summarize the purpose of a code of ethics for engineers.
- | | |
|---|--|
| a) To provide a framework for ethical decision-making | b) To establish legal requirements for engineers |
| c) To limit the liability of engineers | d) To promote competition among engineers |
- (iii) Select which of the following is NOT a principle of engineering ethics.
- | | |
|-------------------|------------------|
| a) Responsibility | b) Honesty |
| c) Competence | d) Profitability |
- (iv) Estimate the role of an engineer in society.
- | | |
|--|------------------------------|
| a) To create new technologies and products | b) To solve complex problems |
| c) To promote the welfare of society | d) All of the above |
- (v) Select which of the following is an example of unethical behavior by an engineer.
- | | |
|---|--------------------------------|
| a) Falsifying test results | b) Ignoring safety regulations |
| c) Plagiarizing another engineer's work | d) All of the above |
- (vi) Identify the correct meaning of morals.
- | | |
|--|---|
| a) Principles of right and wrong behavior | b) Beliefs or attitudes that people hold about what is important or desirable |
| c) Rules and regulations set by an authority | d) None of the above |
- (vii) Identify the correct definition of values.
- | | |
|---|---|
| a) Beliefs or attitudes that people hold about what is important or desirable | b) Principles of right and wrong behavior |
|---|---|

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- c) The moral principles that govern a person's behavior
(viii) Select what ethics means.
- a) Religious teachings and doctrines
b) The moral principles that govern a person's behavior
c) Personal beliefs and values
d) Rules and regulations set by an authority
- (ix) Select which of the following is an example of a moral.
- a) Being punctual
b) Keeping one's promises
c) Telling the truth
d) Not being truthful
- (x) Select which of the following is an example of a value.
- a) Honesty
b) Wealth
c) Power
d) None of the above
- (xi) Choose which of the following is NOT an element of the safety culture.
- a) Communication
b) Leadership
c) Risk-taking
d) Learning
- (xii) Examine the purpose of a safety audit.
- a) To evaluate the effectiveness of safety programs
b) To identify hazards and potential risks
c) To develop controls to prevent hazards
d) To investigate accidents
- (xiii) Choose the role of the safety professional.
- a) To design and implement safety programs
b) To monitor and evaluate safety programs
c) To investigate accidents
d) All of the above
- (xiv) Illustrate which of the following is an example of a safety violation.
- a) Failing to wear PPE
b) Reporting a hazard
c) Implementing an engineering control
d) Conducting a hazard analysis
- (xv) Examine the purpose of a safety committee.
- a) To identify hazards and potential risks
b) To develop controls to prevent hazards
c) To investigate accidents
d) To promote safety awareness and culture

Group-B

(Short Answer Type Questions)

3 x 5=15

2. Describe the meaning of morals & values. (3)
3. Describe the meaning of ethics. (3)
4. Describe Salovey-Mayor Model in detail. (3)
5. Write short notes on the concept of liability for business ethics. (3)
6. Evaluate ethical issues related to power dynamics at a multicultural workplace. (3)

OR

- Analyze the concept of Industrial Espionage. (3)

Group-C

(Long Answer Type Questions)

5 x 6=30

7. State the five basic human values that can be found across cultures. (5)
8. Illustrate why we need Engineering Ethics. (5)
9. Explain how implementation of safety measures reduces risks related to work hazards. (5)
10. Analyze the role of personal values and beliefs in ethical decision-making across different cultures. (5)
11. Deduce some strategies for building trust and fostering collaboration across cultural differences. (5)
12. Assess the effectiveness of patents and copyrights in protecting intellectual property rights. (5)

OR

- Assess how conflict of interest can be resolved at workplace. (5)