

16HS606 HVPE Question bank

UNIT-I

1. Values and skill complement each other. Elaborate.

(or)

“For success in any Human Endeavour both values and skills are required.” Explain.

(or)

What do you mean by values? How do they differ from skills? How are values and skills complementary?

(or)

Explain how production skills and human values are complementary. Give two examples.
2. Write short notes on Morals, Ethics and Integrity? & Differentiate Moral and Ethics?
3. i) What is the meaning of respect? How do we disrespect others due to lack of right understanding of this feeling?

ii) Give the two aspects of Honesty & Explain?
4. i) Give the definition of human values. Elaborate and give examples.
ii) Write about the classification of human values.
5. Write briefly about
 - (a) Morals
 - (b) Respect for others
 - (c) Civic virtue
 - (d) Honesty. & Empathy
6. (a) Bring out the difference between personal ethics and professional ethics.
(b) Define the terms
 - (i) Courage
 - (ii) Character & Self – Confidence.
7. (i) An engineer has to play different roles in his profession. Do ethics help him in being honest and maintain values? Discuss.

(ii) Write briefly on
 - (a) Character
 - (b) living peace fully
 - (c) civic virtue
 - (d) integrity.
8. (i) What are values? Explain how values have degenerated. What are the three senses of relative values?

(ii) How courage is considered to be a virtue?
9. Explain in detail
 - (a) Peace
 - (b) Non violence
 - (c) Right conduct

(d) Spirituality

10. (i) How character is formed? Explain the essence of Indian spirituality.
(ii) Write short notes on:
 - (a) civic virtue
 - (b) courage
 - (c) commitment & Caring and Sharing
11. (i) What are fundamental values? How do they guide personal life?
(ii) Write a short note on:
 - (a) Right Conduct
 - (b) Peace
 - (c) Respect for others
 - (d) Honesty
12. Explain about- Yoga & Meditation for professional excellence & stress management in detail.

UNIT-II

1. What are the three types of inquiry?
2. Compare and contrast the psychological theory of Kohlberg and Gilligan.
3. Discuss the moral issues that engineer faces at the design stage of the product.
 - (a) Define ethics, profession and professionalism.
 - (b) What are the principles of ethics?
4. Explain the utilitarian analysis of a moral problem
5. What are the uses of ethical theories?
6. Explain ethical dilemma with examples
7. Explain the various stages of moral development as given by Kohlberg
8. What is the importance of ethical theories in shaping the behavior of individuals?
9. What is importance of theories of right action?
10. Define engineering ethics. Explain its nature and scope
11. Evaluate the difference between Kohlberg's theory and Gilligan's theory
12. Explain-(a) Kohlberg's theory
(b) Gilligan's argument

UNIT- III

1. Discuss engineering as social experimentation.
2. State ethical issues in maintenance.
3. Explain the responsibilities of engineers with regard to environment
4. Write short note on
 - i) Intellectual property rights

- ii) Human rights.
- iii) Espionage
- 5. Discuss the environmental ethics with examples
- 6. What is social experimentation? Explain in detail.
- 7. What are the responsibilities of engineers as experimenters?
- 8. What is engineering ethics? Describe about NSPE code of ethics for engineers?
- 9. Engineering as social experimentation. Discuss
- 10. What are the aspects of engineering that make it appropriate to view engineering projects as experiments?
- 11. Compare and contrast engineering experiments with standard experiments.
- 12. Write briefly about Engineers with social responsibilities.

UNIT-IV

- 1. Describe in detail the concept of 'Risk-Benefit Analysis'. Where and how do moral problems arise in engineering?
- 2. How to account publicly for benefits and risks? Explain in detail about the effect of information on risk assessments.
- 3. Explain in detail the effect of information on risk assessment.
- 4. (i) Write short notes on 'personal risk, public risk'.
(ii) Give justifications on how the challenger disaster could have been avoid by engineers.
- 5. Discuss on safety. Explain what safety measures are to be taken to establish a nuclear power plant in country.
- 6. Discuss the ways and means of reducing occupational crime in industries.
- 7. (i) Discuss the concept of confidentiality with respect to professional ethics.
(ii) Write short notes on professional rights
- 8. Explain the expected confidentiality to be maintained by computer engineer while he shifts his job on career advancement
- 9. Define Collective Bargaining. Explain the role of collective bargaining in work place rights and responsibilities.
- 10. Discuss in detail about the 'employee rights'
- 11. What is the importance of loyalty and collegiality in teamwork?
- 12. List and explain the features of whistle-blowing that characterize the cases with an example.

UNIT-V

- 1. What is meant by computer ethics? & Explain?
- 2. Discuss an engineer's involvement in weapons work.
- 3. Explain the meaning of environmental ethics.
- 4. Discuss on three senses of 'relative' values.
- 5. Describe the morals threats posed by the revolutionized communication using computers to the right to privacy.
- 6. Give the philosophical views of nature and discuss them.
- 7. Describe the concept of environmental ethics with a case study.
- 8. Write briefly about professional obligation of Engineers.
- 9. Explain the issues related to computer ethics and internet with your personal experience.

10. (i) Write briefly about Engineers as good managers
- (ii) Write briefly about Engineer used as expert witness