Question Bank

Course B.E (EEE-Marine)
Batch 2014-2017
Semester VIII
Subject code EE 1712
Subject Name PROFESSIONAL ETHICS & HUMAN VALUES

UNIT I

PART-A 2 Marks

1 Define humanvalues
2 Define ethical values
3 Distinguish values from ethics and culture
4 what is meant by integrity
5 Define workethics
6 what is service learning?
7 compare caring and sharing
8 what is honesty ?
9 Express courage as a value
10 Examine the meaning of cooperation
11 Illustrate empathy
12 Show what is spirituality
13 Point out the importance of integrity
14 Analyze briefly compromise
15 List out any two aspects of honesty
16 Define self respect and self esteem
17 Formulate what is commitment
18 Generalize what is meant by self confidence
19 what is meant my character?
20 List out some civic virtues

PART-B 6 Marks

1 Describe moral and values and their importance
2 Describe the importance of ethics in engineering
3 Indentify the meaning of integrity and importance in ethics
4 Indentify the meaning of work ethics and importance in ethics
5 Identify in detail the importance of service learning
6 Identify in detail the importance of civic virtue
7 Discuss about how respect for others play important role in ethics
8 Discuss about the art of living peacefully
9 Summarize the importance of caring
10 Summarize the importance of sharing
11 Discuss the importance of honesty in detail
12 Discuss the importance of courage in detail.
13 Examine the importance of valuing time

PART-C 10 Marks

1 Analyze the various human values, which are essential to engineers.
2 Illustrate the necessity for adherence to civic virtues.
3 Illustrate the necessity of stress management with suitable examples.
4 Evaluate the importance of cooperation and commitment in team work
5 Explain spirituality in detail

UNIT II

PART-A 2 Marks

1 List out what are the senses of Engineering Ethics.
2 Name some types of Inquires.
3 List out some moral issues
4 Define Moral Dilemma.
5 Enumerate few steps in confronting moral dilemma.
6 what is Moral Autonomy.

7 Identify the 3 levels of Kohlberg's theory.
8 What do you mean by conventional level?
9 What is the important difference between Kohlberg's and Gilligan's theory?
10 Define Consensus and Controversy
11 What is the relationship between autonomy and authority?
12 list some models of professional roles.
13 Express the names of various theories of right action.
14 Enumerate the two types of utilitarian theory
15 List out the two types duty ethics theory
16 Demonstrate the significance of self interest based on types of values
17 Distinguish self respect and ethical egoism.
18 what is meant by ethical pluralism and relativism.
19 List the significance of customs and religion.
20 Enumerate the uses of ethical theories.

PART-B 6 Marks

1 Enumerate the seven types of moral issues.
2 Describe in detail about the senses of Engineering Ethics.
3 Examine in detail about various Moral issues
4 Describe in detail about the concept of Moral Dilemmas
5 Discuss the causes for moral dilemma and the steps to confront it.
6 Describe in detail about the concept of Moral Autonomy and the factors influencing it.
7 Enumerate the steps required to improve the moral Autonomy
8 Discuss in detail about Profession and Professionalism
9 Demonstrate in detail about various models of professional roles
10 Analyze in detail various Traits of Self Interest.
11 Explain roles of customs and ethical relativism in professional ethics
12 Explain the connections between religion and morality
13 Explain the conflicts between religion and morality.
14 What are the difficulties in implementing duty and rights ethics theory ?
15 List the scope and importance of Engineering Ethics

PART-C 10 Marks

1 Explain moral dilemma with a suitable case study.
2 Analyze the impact of Gilligan's theory on moral development
3 Illustrate the applications of ethical theories in current scenario.
4 Explain the influence of customs and religion on morality with suitable example
5 Explain in detail about Kohlberg's Theory

UNIT III

PART-A 2 Marks

1 List what are the conditions required defining a valid consent.
2 what are the two main elements, which are included to understand informed consent ?
3 what are the general features of morally responsible engineers. ?
4 Identify what is the purpose of various types of standards.
5 Name the roles of codes
6 List out the limitations of codes.
7 Summarize what are the problems with the law in engineering
what is the need to view engineering projects as experiments.
8
9 Differentiate scientific experiments and engineering projects.
10 Demonstrate what are the uncertainties occur in the model designs.
11 Illustrate the importance of learning from the past, using
12 illustrate Titanic disaster, as an example
13 Show any two prominent features of contemporary engineering practice that differentiate casual
14 what is meant by Ethical Conventionalism.
15 List out some universally accepted ethical principles.
16 Point out what is meant by Engineering Experimentation
17 Give the importance of Ethical codes
18 what do you understand by balanced outlook on law.
19 what are the two elements of informed consent
20 what ways engineering experiment differsfrom standard

PART-B 6 Marks

1 List how can engineer become a responsible experimenter.
2 Describe what is the important code of ethics
3 Identify a brief account on‘4’ codes of ethics quoted by international standard association
4 List codes of ethics set by professional societies.
5 Describe and Compare engineering experiments with standard experiments.
6 Define and Contrast engineering experiments with standard experiments
7 Summarize that engineers would learn not only from their earlier design and operating results
8 Describe with help of examples of narrate but also from those of other engineers.
9 Express in detail about engineers as responsible experimenters.
10 Discuss in detail about balanced outlook on law
11 Point-out the proper role of law of engineering
12 Evaluate the General responsibilities of moral engineers
13 Explain what is regulated society.
14 Assess how Engineering societies can promote ethics.

PART-C 10 Marks

1 Engineering as experimentation plays a vital role in the designprocess - Discuss with suitable example.
2 Examine the importance of balance outlook on law through a case study.
3 Develop the purpose of industrial standards.
4 Demonstrate the various problems of law in Engineering

UNIT IV

PART-A 2 Marks

1 Classify the conflict of interest. Give example.
2 Compare the term authority and power.
3 Generalize the employees rights
4 Summarize significance of Event Tree Analysis.
5 Differentiate between Risk analysis and Risk benefit analysis
6 List the guidelines to reach an agreement
7 State the specific right.
8 List out few steps to reduce risks.
9 Express the term Liability.
10 Summarize the term Safe Exit.
11 Point out the causal responsibility
12 Point out the intellectual property right.
13 Define Risk Collegiality
14 Define disaster loyalty.
15 Design the assessment curve on safety and risk
16 List the significance of Scenario Analysis.
17 Illustrate the disadvantages of collective bargaining?
18 Show the types of occupational crime.
19 Define FMEA
20 Classify the collective bargaining.

PART-B 6 Marks

1 List out the main elements of IPR. Give examples of Discrimination.
2 Describe the necessity of Risk Benefit Analysis.
3 Write short notes on Occupational crime.
4 Tabulate the difference between employee rights and professional rights
5 Discuss the significance of Intellectual Property rights
6 Discuss the legislation covering IPR in India.
7 Write a short note Risk Benefit analysis and its importance
8 Define the term Risk and Safety. How we an engineer assess the safety
9 List out the factors that affect risk acceptability. Where is the use of knowledge of risk acceptance to engineer.
10 Discuss the features, guideline and procedures of whistle blowing

11 Explain the concept of liability with suitable example.
12 Explain in detail the different ways to avoid conflicts of interests
13 Classify and Discuss about the respect for authority.
14 Summarize the term Collegiality & Loyalty
15 Develop an idea about an engineer act to safeguard the public from risk

PART-C 10 Marks

1 Discuss the notion of safety exit using evacuation plans for communities near nuclear power plant.
2 Compare "Fault tree analysis" and "Event tree analysis".
3 Illustrate with suitable example how safety analysis of a system can be done with a fault tree.
4 Illustrate with example how IPR provides security to manufacturing and selling of a product.
5 Illustrate by example how discrimination affects various fields in an establishment.

UNIT V

PART-A 2 Marks

1 Generalize the term Professional obligations.
2 Show some Value guided advocates.
3 List out some Value-Neutral Analysts
4 Generalize the term Conflict resolution.
5 Select some Global cyber business.
6 Point out the water balances
7 List out problems of Defense industry.
8 Classify few global issues.
9 Express the term acid rain.
10 Define Globalization
11 Differentiate Privacy and Anonymity.
12 Summarize computer crime.
13 List out some Ethical climate
14 Point out special features of an ethical corporate climate.
15 Define environmental ethics
16 Express the term corporate responsibility
17 Define hackers
18 Name some social responsibility
19 Define Code of conduct.
20 Point out moral leadership

PART-B 6 Marks

1 Describe the three versions of Relativism.
2 List out the various advantages and disadvantages of MNCs
3 Describe in details about Environmental Ethics.
4 Describe in details about Corporate Responsibility
5 Describe in details about the Global issue of Weapons development.
6 Describe in detail about the Principles of conflict Resolution.
7 Identify the characteristic features of human-centred environmental ethics.
8 List any ten International rights suggested by Donaldson.
9 climate.
10 List the "Ideals of voluntary service in engineering" profession
11 Describe the significance of the concept of Computer Ethics.
12 Summarize the IEEE Code of Ethics.
13 Classify the Management of conflicts in detail.
14 Explain the Bhopal Plant Case and its reasons
15 Explain how should engineers act as consultants and its importance

PART-C 10 Marks

1 Explain the various Global Issues.
2 Discuss on Engineer's involvement in weapon's developmand analyze the problems faced by the defence .
3 Examine the dynamic nature of an Engineer's managerialrole with suitable example
4 Corporate Social Responsibility is essential for IntegratedSocial Growth. - Justify the statement.
5 Explain how should engineers act as leaders.