

Anna University - Chennai-25

**Information Technology
GE6075 Professional Ethics**

Multiple Choice Questions - Part-A II-Year-IT

UNIT-I

- 1) **Which of the following is not in Senses of Engineering Ethics? Ans(d)**
 - (a) Activity and area of Inquiry
 - (b) Understanding moral values
 - (c) Resolving moral issues
 - (d) Justifying personal issues

- 2) **Which is not one of the three types of inquiry Ans(d)**
 - (a) Normative
 - (b) Conceptual
 - (c) Factual
 - (d) Informal

- 3) **Moral dilemmas are not Ans(d)**
 - (a) Conflicting obligation and duties
 - (b) Conflicting duties and rights
 - (c) Conflicting rights and ideals
 - (d) Conflicting ideals and personal wishes

- 4) **Which of the following is not a characteristic of a Profession Ans (d)**
 - (a) Knowledge
 - (b) Organization
 - (c) Public good
 - (d) Personal good

- 5) **Moral autonomy is not Ans (d)**
 - (a) Showing concerns for other people
 - (b) Self determination
 - (c) Moral beliefs based on critical reflection
 - (d) Passive adoption of the conventions of the society or profession

- 6) **Identify the characteristic of Giligan's Theory on moral development : Ans (d)**
 - (a) Justice
 - (b) Factual
 - (c) Logic and rule based
 - (d) More of caring

- 7) **In order to save his wife ,Heinz forcibly entered the Pharmacy and stole the drug. According to Kohlberg about this incident : Ans (a)**
- (a) Heinz was wrong
 - (b) Heinz was right
 - (c) He could have tried other solutions
 - (d) Solution should be based on the basis of context
- 8) **When moral rights are violated we apply Ans(d)**
- (a) Virtue ethics
 - (b) Utilitarianism
 - (c) Duty ethics
 - (d) Rights ethics
- 9) **Which ethics is appropriate for the statement “We ought to produce the most good for the most people” Ans(b)**
- (a) Virtue ethics
 - (b) Utilitarianism
 - (c) Duty ethics
 - (d) Rights ethics
- 10) **The maxim “Keep your promises” comes under Ans(b)**
- (a) Rule Utilitarianism
 - (b) Act Utilitarianism
 - (c) Duty ethics
 - (d) Rights ethics
- 11) **Which of the following is relevant for the statement “Actions are morally right when they are approved by law or custom” Ans(b)**
- (a) Ethical pluralism
 - (b) Ethical relativism
 - (c) Descriptive relativism
 - (d) Moral relationalism
- 12) **Which of the following has moral reasons to support? Ans(c)**
- (a) Not respecting others
 - (b) Not keeping promises
 - (c) Respecting the rights of others
 - (d) Cheating and dishonesty
- 13) **Which of the following is not a good engineering decision? Ans(a)**

- (a) Not ensuring product safety
- (b) Ensuring reliability
- (c) Providing user friendliness
- (d) Providing Environment friendliness

14) **Micro ethics deals with** Ans(b)

- (a) Societal problems
- (b) Every day problems
- (c) Unknown problems
- (d) Problems at National level

UNIT-II

1) **Which one contradicts with Standard Experiments?** Ans(d)

- (a) Partial Ignorance
- (b) Uncertainty
- (c) Knowledge Gained
- (d) Informed Consent

2) **Which of the following is not pertinent from the perspective of engineers as responsible experimenter?** Ans(b)

- (a) Conscientiousness
- (b) Non-autonomous
- (c) Safety of human subjects
- (d) Accountability

3) **Which of the following is not true with respect to Titanic disaster?** Ans(a)

- (a) Adequate Life boats
- (b) Ship sailed at high speed in the night
- (c) It had hit against an ice berg
- (d) The ship tore into two parts due to hitting against iceberg

4) **Which of the following is not feature of an engineering project?** Ans(a)

- (a) Experimental Control
- (b) Outcome Uncertain
- (c) Learning from the past
- (d) Partial Ignorance

- 5) **Which is not the feature of Industrial Standardst? Ans(d)**
- (a) Interchangeability
 - (b) Safety
 - (c) Quality
 - (d) Trademark
- 6) **Which one is the factual issue in the space shuttle Challenger Accident? Ans(d)**
- (a) No escape mechanism
 - (b) No Informed Consent
 - (c) No Warning Signal
 - (d) Field Joint gave away
- 7) **Identify a factor that does not influence perception of risk. Ans(d)**
- (a) No escape mechanism
 - (b) No Informed Consent
 - (c) No Warning Signal
 - (d) Field Joint gave away
- 8) **Which of the following is not true in Challenger Accident? Ans(a)**
- (a) Engineer's concern on Safety is followed
 - (b) Informed consent was not obtained
 - (c) No back up or standby for critical components
 - (d) Safe exit not incorporated
- 9) **Which of the following is not true in Chernobyl nuclear reactor disaster? Ans(a)**
- (a) Operators had disconnected emergency core cooling system
 - (b) Operators had blocked all emergency signals
 - (c) The reactor core melted and the radioactive waste began to spread
 - (d) No loss of lives in this accident

UNIT-III

- 1) **Which of the following is more appropriate for the statement ,“Potential that something harmful may occur” : Ans(b)**

- (a) Definition of safety
- (b) Definition of risk
- (c) Definition of acceptable risk
- (d) Uncertainty about a product's life

2) **Which of the following recommended while considering safety and risk? Ans(d)**

- (e) Underestimation of risk
- (f) Overestimation of risk
- (g) No judgement on risk
- (h) Risks fully known & judged acceptable in the light of settled value principles

3) **Identify a factor that does not influence perception of risk. Ans(d)**

- (i) Probability of risk
- (j) Consequence of risk
- (k) Magnitude
- (l) Non-job related

4) **Which one of the following is not feature of risk acceptance? Ans(d)**

- (a) Allow the product fail safely
- (b) Provide safe escape from site
- (c) Abandon it safely
- (d) Over confidence on safety of the product

5) **Which one of the following is not feature of risk acceptance? Ans(b)**

- (a) Function testing
- (b) Destructive testing
- (c) Prototype testing
- (d) Simulation testing

6) **A deductive method to identify the cause of the failure. Ans(c)**

- (a) Scenario Analysis
- (b) Failure Mode and Effect Analysis
- (c) Fault-Tree-Analysis
- (d) Event-Tree-Analysis

- 7) **Event-Tree-Analysis not characterized by Ans(d)**
- (a) Inductive logic
 - (b) Consequence analysis
 - (c) Proceed forward in time to final accident
 - (d) Proceed back in time for catastrophic accident
- 8) **Which is not true in the following regarding risk benefit analysis situation? Ans(d)**
- (a) Benefit may go to one group and risk may go to another group
 - (b) Units of comparison are not the same
 - (c) Future benefits using discounted present value may not be correct
 - (d) People exposed to maximum risks may get maximum benefits
- 9) **Which of the following is ideal risk , a product design can take considering the costs involved in providing safety? Ans(d)**
- (a) Low risk & high safety
 - (b) High risk & low safety
 - (c) Point of Minimum total cost
 - (d) Highest Acceptable risk
- 10) **Which of the following is not recommended in providing safety in nuclear power plants? Ans(c)**
- (a) Learning from the past
 - (b) Periodic mock drill of emergency
 - (c) Bypassing all controls
 - (d) People in the neighborhood should be informed about safety concerns & risk

UNIT-IV

- 1) **Identify the loyalty related to fulfill one's contractual duties to an employee. Ans(a)**
- (a) Agency-Loyalty
 - (b) Identification Loyalty
 - (c) Misguided Loyalty
 - (d) Attitude Loyalty
- 2) **An element of collegiality that value one's peers for their professional expertise Ans(d)**

- (a) Commitment
- (b) Connectedness
- (c) Co-operation
- (d) Respect

3) **A right to exercise certain kinds of power. Ans(a)**

- (a) Institutional authority
- (b) Expert Authority
- (c) Institutional duty
- (d) Morally-Justified right

4) **As per the code of ethics , an engineer's paramount obligation is to protect : Ans(c)**

- (a) Loyalty
- (b) Service to employers
- (c) Public safety, health and welfare
- (d) Personal welfare

5) **Which one of the following strongly implies bribe? Ans(b)**

- (a) Made in open
- (b) Made in secret
- (c) Given after a favor
- (d) Causes no damage in goodwill

6) **A situation when a person is working as an employee for two different companies : Ans(c)**

- (a) Industrial Espionage
- (b) Bootlegging
- (c) Moonlighting
- (d) Endangering lives

7) **Conveying information by an employee, on an important moral problem to somebody to take action Ans(b)**

- (a) Industrial Espionage
- (b) Whistle Blowing
- (c) Moonlighting
- (d) Endangering lives

8) **Which one is not an aspect of Whistle Blowing? Ans(d)**

- (a) Relevance of Topic
- (b) Agent
- (c) Receptient
- (d) Approved organizational channel

9) **Whistle blowing is not justified one of the following : Ans(b)**

- (a) Potential harm is serious
- (b) Sufficient data on harm is not available
- (c) Concerns already reported earlier to immediate supervisor
- (d) Remedy for the damage is existing

10) **Legal protection of one's product being manufactured or sold to others is called a : Ans(c)**

- (a) Trade mark
- (b) Trade secret
- (c) Patent
- (d) Copy right

11) **An employee or former employee conveys information about a significant moral problem concealing one's identity is known as : Ans(c)**

- (a) External whistle blowing
- (b) Internal whistle blowing
- (c) Anonymous whistle blowing
- (d) Open whistle blowing

UNIT-V

1) **The process of moving technology to a new setting and implementing there : Ans(b)**

- (a) Appropriate Technology
- (b) Technology transfer
- (c) Intermediate Technology
- (d) Advanced Technology

2) **Large emission of sulphur oxides and nitrous oxides that forms compounds with water in air causes : Ans(b)**

- (a) Global Warming
- (b) Acid Rain

- (c) Depletion of Ozone layer
 - (d) Green House Effect
- 3) **Lawyers are permitted and required to project the case favorable to their clients using : Ans(d)**
- (a) Money bias
 - (b) Ego bias
 - (c) Sympathy bias
 - (d) Hired guns
- 4) **Which of the following is appropriate for the statement “ Actions are morally right when they are approved by law , custom etc” : Ans(b)**
- (a) Descriptive Relativism
 - (b) Ethical Relativism
 - (c) Moral Relativism
 - (d) Ethical Pluralism
- 5) **Which one is beneficial to the participating country when foreign countries are doing business in developing countries? : Ans(d)**
- (a) Inexpensive labour
 - (b) Availability of natural resources
 - (c) Fresh market for products
 - (d) Jobs with high pay and greater challenge
- 6) **Which one is not recommended when wealthy countries do business in less economically developed countries? : Ans(a)**
- (a) Simply adopt country’s safety laws
 - (b) Informed Consent
 - (c) Pay more for extra risks
 - (d) Promoting most good for most people
- 7) **Which ethics is appropriate for the statement “While building a dam engineers should take into account the impact on animals living there” : Ans(c)**
- (a) Biocentric ethics
 - (b) Ecocentric ethics
 - (c) Sentient centered ethics
 - (d) Human centered environment ethics
- 8) **What principle is implied from the statement “Separate the people from the problem” : Ans(b)**

- (a) Promoting ethical climate
- (b) Resolving conflicts
- (c) Ethical responsibility to produce safe and good products
- (d) Making risk taking decisions involving wider range of products

9) **Which of the following is not preferred for conflict resolution? : Ans(d)**

- (a) Focus on interest, not position
- (b) Generate variety of possibilities to choose
- (c) Criteria based on standard
- (d) Win-Lose styles**

10) **Which one ranks low among the following conflicts? : Ans(c)**

- (a) Conflict over schedules
- (b) Conflict over personal resources
- (c) Personality Conflicts
- (d) Conflict over technical uses**

11) **Which kind of advertising are not prohibited? : Ans(d)**

- (a) White lies
- (b) Half truth
- (c) Making false suggestions
- (d) Clear wordings or apt slogans**

12) **While evaluating role of engineers as consultants “ The younger consultants are slightly at disadvantage at” : Ans(b)**

- (a) Advertising
- (b) Competitive Bidding
- (c) Contingency Fees
- (d) Safety and Clients’ needs**