

**Chettinad**

College of Engineering &amp; Technology

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Department of Civil Engineering  
GE8076 - Professional Ethics in Engineering  
Unit IV - MCQ Bank

1. Awareness and maintenance of situation is \_\_\_\_\_

- (a) safety
- (b) risk
- (c) Responsibility
- (d) none of the above

**Answer :** (a) Safety

2. \_\_\_\_\_ was defined as the risk that is known and judged as acceptable

- (a) Responsibility
- (b) Safety
- (c) Risk
- (d) Testing

**Answer :** (b) Safety.

3. \_\_\_\_\_ is a potential that something unwanted and harmful may occur.

- (a) Responsibility
- (b) Safety
- (c) Risk
- (d) Testing

**Answer :** C Risk

4. \_\_\_\_\_ is done till the component fails

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

**Answer :** (c) Destructive testing

5. \_\_\_\_\_ is done on a proportional scale model with all vital components fixed in the system

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

**Answer :** (b) Prototype testing

6. \_\_\_\_\_ is most common method of analysis

- (a) Fault tree analysis
- (b) Event tree analysis
- (c) FMEA
- (d) Scenario Analysis

**Answer :** (d) Scenario Analysis

7. A \_\_\_\_\_ is a synopsis of events or conditions leading to an accident and subsequent loss.

- (a) scenario
- (b) Exposure
- (c) testing
- (d) Faults

**Answer :** (a) scenario

8. In \_\_\_\_\_ method , various parts of components of the systems and their modes are studied.

- (a) Fault tree analysis
- (b) Event tree analysis
- (c) FMEA
- (d) Scenario Analysis

**Answer :** (c) FMEA

9. FMEA is defined as a systematic tool to

- (a) identify possible failure modes in the products/process
- (b) to understand failure mechanism (process that leads to failure)
- (c) risk analysis
- (d) All the above

**Answer :** (d) All the above

10. \_\_\_\_\_ is a cross-functional team management

- (a) FMEA
- (b) Fault tree analysis
- (c) Event tree analysis
- (d) Scenario Analysis

**Answer :** (a) FMEA

11. \_\_\_\_\_ is a qualitative method and was originated by Bell Telephones

- (a) FMEA
- (b) Fault tree analysis
- (c) Event tree analysis
- (d) Scenario Analysis

**Answer :** (b) Fault tree analysis

12. \_\_\_\_\_ method illustrates the sequence of outcomes which may occur after the occurrence of selected initial event.

- (a) FMEA
- (b) Fault tree analysis
- (c) Event tree analysis
- (d) Scenario Analysis

**Answer :** (c) Event tree analysis

13. \_\_\_\_\_ method uses technology-based deductive logic.

- (a) FMEA
- (b) Fault tree analysis
- (c) Event tree analysis
- (d) Scenario Analysis

**Answer :** (b) Fault tree analysis

14. The conditions referred to as „safe exit“ is/are:

- a) The product, when it fails, should fail safely

- (b) The product, when it fails, can be abandoned safely
- (c) The user can safely escape the product
- (d) All the above

**Answer :** (d) All the above

15. To assess public risk \_\_\_\_\_ are estimated.

- (a) Loss of senses
- (b) Loss of earning capability
- (c) loss of voluntary activities
- (d) loss on assets and correction costs

**Answer :** (d) loss on assets and correction costs

16. \_\_\_\_\_ is the involvement of people in risky actions, although they know that these actions are unsafe

- (a) Voluntary risk
- (b) Involuntary risk
- (c) Faulty risk
- (d) Emergency risk

**Answer :** (a) Voluntary risk

17. \_\_\_\_\_ is tendency to support and cooperate with colleagues

- (a) Confidentiality
- (b) Commitment
- (c) collegiality
- (d) Responsibility

**Answer :** (c) collegiality

18. \_\_\_\_\_ is an obligation to fulfill his/her contractual duties to the employer

- (a) collegiality
- (b) Agency loyalty
- (c) Attitude loyalty
- (d) supreme loyalty

**Answer :** (b) Agency loyalty

19. \_\_\_\_\_ is concerned with the attitudes, emotions, and a sense of personal identity

- (a) collegiality
- (b) Agency loyalty
- (c) Attitude loyalty
- (d) supreme loyalty

**Answer :** (c) Attitude loyalty

20. \_\_\_\_\_ is necessary to ensure progress in action.

- (a) collegiality
- (b) Agency loyalty
- (c) Attitude loyalty
- (d) authority

**Answer :** (d) authority

21. \_\_\_\_\_ is the authority exercised within the organization

- (a) Agency authority
- (b) Institutional Authority
- (c) Expert Authority
- (d) Attitude authority

**Answer :** (b) Institutional Authority

22. \_\_\_\_\_ is the possession of special knowledge, skills and competence to perform a job thoroughly.

- (a) Agency authority
- (b) Institutional Authority
- (c) Expert Authority
- (d) Attitude authority

**Answer :** (c) Expert Authority

23. \_\_\_\_\_ is done by the trade union for improving the economic interests of the worker members

- (a) Authority
- (b) Loyalty
- (c) Collective bargaining
- (d) collegiality

**Answer :** (c) Collective bargaining

24. \_\_\_\_\_ means keeping the information on the employer and clients, as secrets

- (a) Authority
- (b) Loyalty
- (c) Collective bargaining
- (d) Confidentiality

**Answer ;** (d) Confidentiality

25. \_\_\_\_\_ is available and accessed by virtue of privilege.

- (a) Privileged information
- (b) proprietary information
- (c) Confidential information
- (d) collective information

**Answer :** (a) Privileged information

26. \_\_\_\_\_ is owned by the organization

- (a) Privileged information
- (b) proprietary information
- (c) Confidential information
- (d) collective information

**Answer :** (b) proprietary information

27. \_\_\_\_\_ occurs when employee has more than one interest

- (a) Conflict of interest
- (b) excitement
- (c) Confusion
- (d) dilemma

**Answer :** (a) Conflict of interest

28. \_\_\_\_\_ is a situation when a person is working as employee for two different companies in the spare time.

- (a) Moonlighting
- (b) actual Conflict of interest
- (c) apparent Conflict of interest
- (d) potential Conflict of interest

**Answer :** (a) Moonlighting

29. \_\_\_\_\_ may be committed by wrong actions of a person through one's lawful employment .

- (a) Moonlighting
- (b) actual Conflict of interest
- (c) apparent Conflict of interest
- (d) Occupational crime

**Answer :** (d) Occupational crime

30. \_\_\_\_\_ is called as white collared crime

- (a) Bribery
- (b) Occupational crime
- (c) computer crime
- (d) Environment crime

**Answer :** (b) Occupational crime

31. \_\_\_\_\_ means simply spying for company or personal benefits

- (a) Occupational crime
- (b) computer crime
- (c) Moonlighting
- (d) Industrial espionage

**Answer :** (d) Industrial espionage

32. \_\_\_\_\_ are defined as moral entitlements that place obligations on other people to treat one with dignity and respect.

- (a) Human Rights
- (b) Employee Rights
- (c) Employer Rights
- (d) Professional Rights

**Answer :** (a) Human Rights

33. \_\_\_\_\_ are moral and legal rights that are obtained by the status of being employee.

- (a) Human Rights
- (b) Employee Rights
- (c) Employer Rights
- (d) Professional Rights

**Answer :** (b) Employee Rights

34. \_\_\_\_\_ is a morally unjust treatment of people in the workplace.

- (a) Discrimination
- (b) Integrity
- (c) Humanity
- (d) Dignity

**Answer :** (a) Discrimination

35. \_\_\_\_\_ is defined as conveying information by an employee on an important moral problem to somebody in a position to take actions on the problem.

- (a) Affirmative actions
- (b) Whistle blowing
- (c) Preferential treatment
- (d) Integrity

**Answer :** © Preferential treatment

36. The person or organization, who receives the information, is in a position to remedy the problem or alert the affected parties is called as \_\_\_\_\_

- (a) Recipient
- (b) Agent
- (c) Internal
- (d) External

**Answer : (a) Recipient**

37. The person disclosing the information may be a current or former employee or a person having a close link to the organization is called as \_\_\_\_\_

- (a) Recipient
- (b) Agent
- (c) Internal
- (d) External

**Answer : (b) Agent**

38. \_\_\_\_\_ permits people to have fully independent ownership for their innovation.

- (a) Standards
- (b) Right to act
- (c) Intellectual Property
- (d) Right to equal

**Answer ; © Intellectual Property**

39. \_\_\_\_\_ is a contract between the individual (inventor) and the society (all other).

- (a) Trademark
- (b) Copyright
- (c) Trade Secret
- (d) Patents

**Answer : (d) Patent**

40. \_\_\_\_\_ is a wide identity of specific good and services, permitting differences to be made among different trades.

- (a) Trademark
- (b) Copyright
- (c) Trade Secret
- (d) Patents

**Answer : (a) Trademark**