



**B.TECH DEGREE EXAMINATIONS: NOV 2015**

(Regulation 2009)

Seventh Semester (Fast Track)

**TEXTILE TECHNOLOGY**

GSS101: Professional Ethics

**Time: Three Hours**

**Maximum Marks: 100**

**Answer all the Questions:-**

**PART A (10 x 1 = 10 Marks)**

1. All information collected by human senses is passed through a net-like group of cells, known as
  - a) Reticular Activating System
  - b) sense and collecting system
  - c) Measure and provide system
  - d) human information centre
2. Which one of the following is not ethical value?
  - a) Honesty
  - b) Trust worthiness
  - c) Responsibility
  - d) Fairness
3. The role of functions related to discipline are called as
  - a) Role of all time importance
  - b) Role of primary importance
  - c) Role of secondary importance
  - d) Role of engineering
4. Which ethic deals with theories about ethics?
  - a) Meta-ethics
  - b) Non-normative ethics
  - c) Descriptive ethics
  - d) Tacit ethic
5. ----- is used for the assessment of the hazardous associated with an industrial or commercial activity.
  - a) Risk Benefit
  - b) Risk Reduction
  - c) Risk Analysis
  - d) Risk case
6. Safety indicates
  - a) planning for the required tools
  - b) thoroughly going through the situation
  - c) awareness and maintenance of a particular situation
  - d) to a person always to be alert
7. Collegiality is the tendency
  - a) To suggest suitable action based on requirement
  - b) continuous improvement in relationship

- c) To provide money when required                      d) To support and co-operate with colleagues
8. Many of the crimes normally with
- a) lawful actions    b) conflicts of interest
- c) own interest and intention                              d) simple motivation
9. Which one of the following is not the issue of Computer ethics?
- a) Job Elimination    b) System quality
- c) Customer Relations                                        d) Biased Software
10. Multinational corporations establish
- a) demanded business in few countries                  b) business for more profit
- c) relationship to have more business                    d) business in many countries

**PART B (10 x 2 = 20 Marks)**

11. Define the term Engineering Ethics.
12. State the three features of moral problems which make them complex.
13. List the reason behind viewing engineering projects as experiments.
14. What are limitations of code of ethics?
15. Define the terms: Safety and Risk.
16. List the methods that can be applied when testing is inappropriate.
17. What do you mean by employee rights and list out its categories?
18. Differentiate between copyright and patent.
19. List any four weapons of mass destruction.
20. Explain the meaning of 'moral leadership'.

**PART C (5 x 14 = 70 Marks)**

21. a) (i) Discuss the skills needed to handle problems about moral issues in engineering ethics. (7)
- (ii) Elaborate the different models of professional roles. (7)
- (OR)**
- b) (i) Discuss professions and professionalism. (7)
- (ii) Explain the three main levels of moral development, developed by Laurence Kohlberg. (7)
22. a) (i) State and explain the similarities to view engineering projects as experiments. (7)
- (ii) Describe how the engineering projects differ from standard experimentations. (7)

**(OR)**

b) Elaborate in detail the responsibilities of engineers to the society.

23. a) With suitable case studies, explain the risk and safety requirements. Also mention about ways in which it should be managed?

**(OR)**

b) (i) Discuss briefly about the various factors that influence the perception of RISK. (7)

(ii) Describe the concept of risk benefit analysis? (7)

24. a) Discuss the concept of confidentiality with respect to professional ethics.

**(OR)**

b) (i) Enumerate the various elements of Intellectual Property Rights in detail. (7)

(ii) Explain the human rights and professional rights in an engineering field. (7)

25. a) (i) Discuss in detail about Professional Issues arise in Computer ethics. (7)

(ii) Describe the moral obligations of an engineer as per the code of ethics. (7)

**(OR)**

b) Describe the concept of environmental ethics with a suitable example

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