

B.E DEGREE EXAMINATIONS: NOV/DEC 2012

Sixth Semester

ELECTRONICS AND COMMUNICATION ENGINEERING

GSS101: Professional Ethics

Time: Three Hours

Maximum Marks: 100

Answer all the Questions:-

PART A (10 x 1 = 10 Marks)

1. Factual inquiry is also called as
 - a) Normative inquiry
 - b) Conceptual inquiry
 - c) Descriptive inquiry
 - d) Business inquiry
2. Treating oneself with dignity is called as
 - a) Self respect
 - b) Self motivation
 - c) Self confidence
 - d) loyalty
3. The following is the other experimenter who share responsibility with engineers is
 - a) The management
 - b) Project committee
 - c) Workers
 - d) None of the above
4. The role of functions related to discipline are called as
 - a) Role of primary importance
 - b) Role of secondary importance
 - c) Role of all time importance
 - d) Role of engineering
5. Voluntarism and control is one factor that influences
 - a) Assessment of safety and risk
 - b) Risk benefit analysis
 - c) The acceptability of risk
 - d) Disaster
6. When destruction is not possible, then analysis adopted is
 - a) Simulation
 - b) Destructive test
 - c) Modeling
 - d) None of the above
7. Expert authority can be called as
 - a) Institution authority
 - b) Moral authority
 - c) Brilliant authority
 - d) Personal authority
8. Concept of giving preference to gender, color and sex is called as
 - a) Collegiality
 - b) Discrimination
 - c) Occupational crime
 - d) Employee right
9. The analysis done in the angle of what benefits are achieved by reducing pollution is called

- a) Cost benefit analysis
 - b) Cost oblivious approach
 - c) Internalizing cost approach
 - d) Technology assessment
10. The engineers are to be impartial with regard to their finding is called as
- a) Normative advisers
 - b) Value guided advocates
 - c) Value neutral analyst
 - d) Hired guns

PART B (10 x 2 = 20 Marks)

- 11. Define ethics and brief about engineering ethics.
- 12. What is the meaning of virtue?
- 13. What is the use of codes in ethics?
- 14. Brief about the accountability for a morally responsible engineer.
- 15. What is the main cause for three mile island disaster?
- 16. Brief about fault tree analysis.
- 17. What is collective bargaining?
- 18. Give any two employee rights.
- 19. Who can be called as consulting engineers?
- 20. Which can be called as multinational corporations?

PART C (5 x 14 = 70 Marks)

- 21. a) Brief about the theories given by Kohlberg and Gilligan.

(OR)

- b) Explain the concepts profession and professionalism and give the models of professional roles.

- 22. a) How can we said as Engineering as Experimentation?

(OR)

- b) Discuss in detail about challenger case study.

- 23. a) Explain about the risk benefit analysis and reducing risk.

(OR)

b) Explain about the incidents and accidents during the Chernobyl Nuclear Disaster.

24. a) Explain about your awareness about Respect for authority.

(OR)

b) Brief about Intellectual Property Rights related to ethics.

25. a) Explain about Environmental Ethics.

(OR)

b) Brief about moral leadership with examples.
