

Register Number:

B.E. DEGREE EXAMINATIONS: APRIL 2014

(Regulation 2009)

Eighth Semester

GSS101: PROFESSIONAL ETHICS

(Common to EEE/EIE)

Time: Three Hours

Maximum Marks: 100

Answer all the Questions

PART A (10 x 1 = 10 Marks)

1. Standards we use to determine right from wrong or good from bad, in thought and behavior are known as....
 - a) Values
 - b) Ethics
 - c) Attitudes
 - d) Beliefs
2. An exclusive concern to satisfy one's own interest
 - a) Ethical egoism
 - b) Ethical Pluralism
 - c) Ethical Relativism
 - d) Descriptive Relativism
3. Which is not a Gandhian Principle
 - a) Politics without principle
 - b) Wealth without work
 - c) Science without humanity
 - d) Language without grammar
4. Among the following which was not a space shuttle disaster
 - a) Challenger
 - b) Apollo I
 - c) Columbia
 - d) Atlantis
5. We judge fluoride in water can kill lots of people – is it
 - a) Overestimating risk
 - b) Not estimating risk
 - c) Underestimating risk
 - d) Correct estimation of risk
6. The ultimate blame for the Bhopal Gas Tragedy should be laid on
 - a) The Plant designer
 - b) Worker
 - c) Union Carbide Management
 - d) Management & Government
7. Collegiality is the respect shown to the colleague's
 - a) Attitude & Environment
 - b) Emotion & Passion
 - c) Expertise & Devotion
 - d) Rights & Law

8. Information of higher level of confidentiality is
 - a) Information about suppliers
 - b) Information about released products
 - c) Information about capacity of plant
 - d) Information about unreleased products
9. Which is not an act of discrimination
 - a) Wrongful termination
 - b) Sexual Harassment
 - c) Staff reduction due to economic reason
 - d) Fixing different salary structure
10. The environment movement has led to an increased awareness among engineers that they have a responsibility to use their knowledge and skills to help protect the environment. The duty is even spelled out in the code of ethics of the
 - a) IEEE
 - b) ASME
 - c) SAE
 - d) CSI

PART B (10 x 2 = 20 Marks)

11. Differentiate morality and ethics.
12. What is meant by integrity?
13. Define codes of ethics and list two professional societies belonging to your branch of engineering?
14. What are the seven Social Issues that Gandhi Emphasis on Ethics?
15. What are the faulty assumptions about safety?
16. What is 'Safe Exit'?
17. How the conflicts of interests avoided?
18. Define Confidentiality.
19. What is leadership and who are moral leaders?
20. What is the difference between Eye witness and Expert witness?

PART C (5 x 14 = 70 Marks)

21. a) Explicate the Kohlberg's and Gilligan's theory of moral development?

(OR)

- b) Discuss the importance of Duty ethics and Virtues in engineering profession.

22. a) How do you call an engineer as responsible experimenter?

(OR)

b) Explain in detail about the Challenger disaster and the safety issues that were ignored in launching of the space shuttle.

23. a) Explain the Chernobyl disaster in detail and write whether Koodankulam nuclear reactor is essential?

(OR)

b) Explain the concept of risk benefit analysis in detail.

24. a) What is an occupational crime? Who are the people committing occupational crimes? Discuss the three types of occupational crime in detail.

(OR)

b) "Professional rights can lead to conflicts of interest" Explain.

25. a) Brief the commandments of computer ethics that have to be followed by everyone.

(OR)

b) (i) What are the difficulties in Decommissioning Weapons? (10)

(ii) What are the benefits of Multi National corporations doing business in less developed countries for both the MNCs and the host country? (4)
