

Register No.: Name:

SAINTGITS COLLEGE OF ENGINEERING (AUTONOMOUS)

(AFFILIATED TO APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, THIRUVANANTHAPURAM)

FOURTH SEMESTER B.TECH DEGREE EXAMINATION (S), SEPT 2022**COMMON TO CS,EE,EC,RB
(2020 SCHEME)****Course Code : 20HUT200****Course Name: Professional Ethics****Max. Marks : 100****Duration: 3 Hours****PART A***(Answer all questions. Each question carries 3 marks)*

1. Distinguish between moral and ethics
2. List out the sources of human values?
3. What is moral autonomy?
4. Classify the types of inquiry
5. Recall code of ethics.
6. In what ways engineering experiments differ from standard experiments?
7. Define collective bargaining.
8. Briefly explain about occupational crime.
9. Point out the different categories of problems that exist in computer ethics.
10. Differentiate eye witnesses and expert witnesses

PART B*(Answer one full question from each module, each question carries 14 marks)***MODULE I**

11. a) What are the ways to enhance your self-confidence? (7)
- b) Explain about Terminal Values and Instrumental Values. (7)

OR

12. a) Differentiate caring and sharing. (7)
- b) Discuss about integrity and academic integrity. (7)

MODULE II

13. a) Explain about the three levels of moral development with respect to Kohlberg and Gilligan views. (7)
- b) What is Moral Dilemma? Explain the various causes of moral dilemma (7)

OR

14. a) Discuss briefly on ethical theory of right action. Differentiate act and rule utilitarian. (7)
- b) Explain in detail about profession and professionalism (7)

MODULE III

15. a) Discuss engineers as responsible experimenters. (7)
b) Give an account of the challenger disaster and examine how the principal actors in this tragedy behaved as responsible experimenters within the framework of the engineering as experimentation model (7)

OR

16. a) “The moral responsibility of engineers should go beyond merely following the laws”. Discuss (7)
b) What are the moral and ethical lessons learnt from the Bhopal Gas Tragedy? (7)

MODULE IV

17. a) Explain the term: conflict of interest. Discuss the different types of conflicts of interest with suitable examples (7)
b) What is meant by respect for authority? Describe in detail how institutional authority differs from expert authority (7)

OR

18. a) What is Intellectual Property Rights? Explain various elements of IPR in detail. (7)
b) Discuss on collegiality and loyalty (7)

MODULE V

19. a) Do engineers have a moral right to carry out what they consider to be unethical activity? Explain in detail with a case study. (7)
b) What are the reasons for selecting engineers as managers? How to maintain the ethical climate in organization? (7)

OR

20. a) Discuss the role of engineers as expert witness and advisors (7)
b) Describe an illustrative case study that touches upon some fundamental issues in environmental ethics (7)
