

G 1046

(Pages : 2)

Reg. No.....

Name.....

B.TECH. DEGREE EXAMINATION, MAY 2014

Eighth Semester

Branch : Applied Electronics and Instrumentation Engineering/Electronics and Instrumentation Engineering/Electronics and Communication Engineering/
Instrumentation and Control Engineering

AI 010 805 G04

EI 010 805 G06

EC 010 805 G06

IC 010 805 G06

PROFESSIONAL ETHICS (Elective IV) [AI, EI, EC, IC]

(New Scheme—Regular—2010 Admissions)

Time : Three Hours

Maximum : 100 Marks

Part A

Answer all questions.

Each question carries 3 marks.

1. Explain the connotations of Engineering Ethics.
2. Explain the concept of sustainable development and ethics.
3. "Happiness is the criteria for morality." Explain with a theoretical work.
4. What is professional integrity ?
5. Explain Gilligan's theory.

(5 × 3 = 15 marks)

Part B

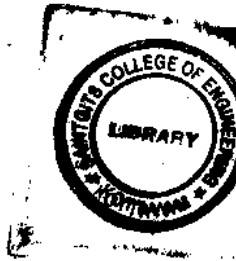
Answer all questions.

Each question carries 5 marks.

6. Explain the concept of moral dilemmas and steps in confronting them.
7. Deal about employees rights.
8. What is moral absolutism ? Substantiate with theories.
9. Brief about the globalization issues faced by MNCs.
10. Can hacking be ethical ? Explain.

(5 × 5 = 25 marks)

Turn over





Part C

Answer all questions.

Each full question carries 12 marks.

11. Give justifications for the concept of patent for technology. Can knowledge be patented ? (6 marks)
 Explain different categories in IPR and their ethical impact. (6 marks)
- Or*
12. "Natural resources are swallowed by utilitarians." Substantiate. (6 marks)
 Explain different approaches to environmental ethics. (6 marks)
13. "Ethical issues have no tailor made solution"—Explain the procedure for solving ethical issues. (6 marks)
 Explain duty ethics theories. (6 marks)
- Or*
14. What are the core ethical qualities of Engineers ? (6 marks)
 "Society is the stake holder of business." Substantiate. (6 marks)
15. Explain role of code of ethics in engineering profession. (6 marks)
 "Engineers should have virtues of courage in the modern world." Deliberate your views. (6 marks)
- Or*
16. Discuss the ethical issues related with development in computer technologies. (6 marks)
 How can ethical research be conducted ? (6 marks)
17. "Engineers are the watch dog of safety." Explain the concept. (6 marks)
 Explain the work place safety and risk issues. (6 marks)
- Or*
18. "Does morality and business stand together" ? Explicit your answer based on ethical theories. (6 marks)
 What are the fundamental virtues ? Explain. (6 marks)
19. Explain the concept of confidentiality in professionalism. (6 marks)
 "Bribe is a necessary evil for accelerating the development." Explain its morality. (6 marks)
- Or*
20. How you can use "whistle blowing" model to prevent corruption ? (6 marks)
 Explain the qualities of an ethical engineer. (6 marks)

[5 × 12 = 60 marks]