

# CBCS SCHEME

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18PC742

## Seventh Semester B.E. Degree Examination, Feb./Mar. 2022 Professional Ethics in Engineering

Time: 3 hrs.

Max. Marks: 100

**Note:** Answer any FIVE full questions, choosing ONE full question from each module.

### Module-1

- 1 a. Define Moral value and ethics in workplace with suitable examples. (06 Marks)  
b. What is Professionalism? Write short note on importance of professionalism. (06 Marks)  
c. Explain the importance of self-confidence in Ethics. (08 Marks)

OR

- 2 a. Discuss in detail about  
i) Building character in workplace  
ii) Spirituality in workplace. (10 Marks)  
b. Write brief notes on Yoga and Meditation for professional excellence and stress management. (10 Marks)

### Module-2

- 3 a. What is Ethical Pluralism? Explain in detail about the sense of engineering ethics. (10 Marks)  
b. Discuss the three types of inquiry in detail. (10 Marks)

OR

- 4 a. Explain the theory of human right Ethics and its classification. (10 Marks)  
b. What is meant by Self-interest? Relate the term with "Ethical Egoism" with suitable example and explain. (10 Marks)

### Module-3

- 5 a. Differentiate Scientific Experiments and Engineering projects. (06 Marks)  
b. List the advantages of Industrial Standards. (06 Marks)  
c. What are the different roles and functions of "Code of Ethics"? (08 Marks)

OR

- 6 a. With a case study, explain the "Learn from the Past" in Engineering Experimentation. (10 Marks)  
b. How can an Engineer become a responsible experimenter? Highlight the code of Ethics for Engineer. (10 Marks)

### Module-4

- 7 a. What are Employee Rights? Explain its importance in a professional life. (08 Marks)  
b. Discuss about types of Risks and concept of Risk Benefit Analysis. (12 Marks)

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.  
2. Any revealing of identification, appeal to evaluator and /or equations written eg. 42+8 = 50, will be treated as malpractice.

**OR**

- 8 a. Write short notes on :
- i) Copyright
  - ii) Patent
  - iii) Intellectual Property Right (IPR) **(12 Marks)**
- b. What are occupational crimes? Explain any ONE in detail. **(08 Marks)**

**Module-5**

- 9 a. What do you mean by “Global Issues”? Explain about engineer’s role in attending these global issues. **(06 Marks)**
- b. Explain about :
- i) Environmental Ethics
  - ii) Computer Ethics **(08 Marks)**
- c. Explain the role of Engineers in Weapon development. **(06 Marks)**

**OR**

- 10 a. Explain the role of Engineers as Managers. **(10 Marks)**
- b. Write short note on :
- i) Code of conduct
  - ii) Corporate Social Responsibility (CSR). **(10 Marks)**

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