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Question Paper Code	12174
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B.E. / B.Tech. - DEGREE EXAMINATIONS, NOV / DEC 2023

Eighth Semester

Computer Science and Engineering

(Common to Electrical and Electronics Engineering)

GE8076 - PROFESSIONAL ETHICS IN ENGINEERING

(Regulations 2017)

Duration: 3 Hours

Max. Marks: 100

PART - A (10 × 2 = 20 Marks)

Answer ALL Questions

- | | <i>Marks,
K-Level, CO</i> |
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| 1. Why should we respect others? | 2,K1,CO1 |
| 2. State about the valuing time. | 2,K1,CO1 |
| 3. Differentiate Micro ethics and Macro ethics. | 2,K2,CO2 |
| 4. What do you understand about Balanced outlook on Law? | 2,K1,CO2 |
| 5. State Kohlberg's theory. | 2,K1,CO3 |
| 6. Discuss the principle of Utilitarianism. | 2,K2,CO3 |
| 7. List any four international rights. | 2,K1,CO4 |
| 8. What is meant by globalization? | 2,K1,CO4 |
| 9. Define Collegiality. | 2,K2,CO5 |
| 10. Differentiate scientific experiments and engineering projects. | 2,K2,CO5 |

PART - B (5 × 13 = 65 Marks)

Answer ALL Questions

11. a) State about the scope and importance of professional ethics in Engineering in a detail. 13,K2,CO1
- OR**
- b) Discuss the role of valuing time & commitment for professional excellence. 13,K2,CO1
12. a) Discuss on three types of inquiries, giving an example each. 13,K2,CO2
- OR**
- b) Explain in detail about risk acceptability. 13,K2,CO2
13. a) Describe in detail about the concept of moral dilemmas. 13,K2,CO3

OR

b) Illustrate the motives for professionalism and the models for professional engineers. *13,K3,CO3*

14. a) Explain in the workings of whistle blowing. *13,K2,CO4*

OR

b) Discuss an engineer's involvement in weapons development and analyze the problems faced by defense industry. *13,K2,CO4*

15. a) Illustrate why it is not sufficient for engineers to rely on handbooks alone. *13,K2,CO5*

OR

b) Explain Moral disagreement, moral absolutism, moral relativism and moral pluralism. *13,K3,CO5*

PART - C (1 × 15 = 15 Marks)

16. a) Examine the importance of balance outlook on law through a case study. *15,K5,CO6*

OR

b) Define IPR. Explain the elements of intellectual property rights in detail and benefits of IPRS. *15,K2,CO6*