

Reg. No.

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**B.E / B.TECH. DEGREE EXAMINATIONS, MAY 2024**

Sixth &amp; Eighth Semester

**GE18054 – PROFESSIONAL ETHICS**

(Regulation 2018 / 2018A)

**TIME: 3 HOURS****MAX. MARKS: 100**

COURSE OUTCOMES	STATEMENT	RBT LEVEL
CO 1	Summarise the importance of core values that shape the ethical behavior of a professional.	3
CO 2	Apply ethical theories in controversial issues while playing the role of engineering professionals.	3
CO 3	Solve moral and ethical problems through exploration and assessment by established experiments and relate the code of ethics to social experimentation.	3
CO 4	Enumerate the importance of safety, responsibilities and rights of an engineer at work place.	3
CO 5	Explain the ethical attributes of engineers in various roles and in different domains of engineering in the global context.	3

**PART- A (10 x 2 = 20 Marks)**

(Answer all Questions)

	CO	RBT LEVEL
1 What is meant by integrity? How is it related to work ethics?	1	2
2 Define the term self-confidence. How is it related to character development?	1	2
3 What is the need for engineering ethics?	2	2
4 List the theories of right action.	2	2
5 What are the limitations of standardized experimentation?	3	2
6 How does the law facilitate ethics in engineering?	3	2
7 Define risk-benefit analysis.	4	2
8 Differentiate bribe from gift.	4	2
9 What is code of conduct and mention its significance?	5	2
10 Point out the responsibilities of consulting engineers.	5	2

**PART- B (5 x 14 = 70 Marks)**

	Marks	CO	RBT LEVEL
11(a) Briefly discuss about the different ways to improve the human values.	(14)	1	2
<b>(OR)</b>			
11(b) Explain the concept of spirituality in workplace with suitable examples.	(14)	1	2

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|--|-------------|----------|----------|
| <b>12(a)</b> Outline the contributions of Kohlberg in the theory of moral development and explain how it differs from Gilligan’s theory.                                   | <b>(14)</b> | <b>2</b> | <b>2</b> |
| <b>(OR)</b>  |             |          |          |
| <b>12(b)</b> Discuss in detail on the Ethical behavior of an individual is it same when he is “alone or in a Group of company” and “Should ethics be prompted or imposed”. | <b>(14)</b> | <b>2</b> | <b>2</b> |
| <b>13(a)</b> Elaborate on how Engineers are responsible Experimenters. Analyze using a suitable a case study.  | <b>(14)</b> | <b>3</b> | <b>2</b> |
| <b>(OR)</b>  |             |          |          |
| <b>13(b)</b> Discuss on the roles played by the codes of ethics set by professional societies.   | <b>(14)</b> | <b>3</b> | <b>2</b> |
| <b>14(a)</b> Discuss about different types of risk with suitable examples.   | <b>(14)</b> | <b>4</b> | <b>2</b> |
| <b>(OR)</b>  |             |          |          |
| <b>14(b)</b> Discuss the significance of intellectual property rights. Also explain the legislation covering IPR in India.   | <b>(14)</b> | <b>4</b> | <b>2</b> |
| <b>15(a)</b> Discuss in detail about the moral and ethical issues involved in use of computers.  | <b>(14)</b> | <b>5</b> | <b>2</b> |
| <b>(OR)</b>  |             |          |          |
| <b>15(b)</b> Discuss the ethical role of engineers in weapon development with suitable examples.   | <b>(14)</b> | <b>5</b> | <b>2</b> |

**PART- C (1 x 10 = 10 Marks)**

(Q.No.16 is compulsory)

- |  | Marks       | CO       | RBT LEVEL |
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| <b>16</b> Examine the role of yoga and meditation for professional excellence and stress management. | <b>(10)</b> | <b>1</b> | <b>4</b>  |

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