Q. Code: 457591

Reg. No. | | | | | | | | | | | | | |

B.E./ B.TECH. DEGREE EXAMINATIONS, MAY 2023

Sixth Semester

GE18054 – PROFESSIONAL ETHICS

(Common to CVE, CSE, INT, EEE, ECE & MAR)

(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 (10x2=20Marks)

(Answer all Questions)

		CO	RBT LEVEL
1.	Distinguish between 'morality' and 'ethics'.	**1**	**2**
2.	How does self-confidence help an engineer?	**1**	**2**
3.	What are the virtues fulfilled under professional responsibility?	**2**	**2**
4.	Distinguish between 'corporate responsibility' and 'corporate accountability'.	**2**	**2**
5.	What are the elements of informed consent?	**3**	**1**
6.	How does the law facilitate ethics in engineering?	**3**	**2**
7.	Compare "safety" and "risk".	**4**	**2**
8.	What is meant by proprietary information?	**4**	**2**
9.	Identify the Environmental issues of concern to Engineers.	**5**	**2**
10.	Define corporate social responsibility.	**5**	**2**

PART- B (5x 14=70Marks)

		Marks	CO	RBT LEVEL
11. (a)	Discuss the role in caring & sharing in society with suitable examples.	**(14)**	**1**	**3**

(OR)

(b)	Examine the role of yoga and meditation for professional excellence and stress management.	**(14)**	**1**	**3**
12. (a)	Compare the interpretation (moral development theory) of Kohlberg and Gilligan, with an illustrative example.	**(14)**	**2**	**3**

(OR)

(b)	List and explain the logical steps involved confronting moral dilemma.	**(14)**	**2**	**3**
13. (a)	In case of challenger disaster, examine if the principal actors behaved as responsible experimenters.	**(14)**	**3**	**3**

(OR)

(b)	Compare and contrast engineering experiments with standard experiments with suitable examples.	**(14)**	**3**	**3**
14. (a)	Explain "Employee Rights" and its role in a Business organisation.	**(14)**	**4**	**3**

(OR)

(b)	Discuss the procedure in risk benefit analysis and discuss its role in reducing risks with suitable examples.	**(14)**	**4**	**3**
15. (a)	State the types of concern for environment by the Engineers. Discuss the approaches to resolve Environmental problems. What do professional codes of ethics say about the Environment?	**(14)**	**5**	**3**

(OR)

(b)	Examine the dynamic nature of an Engineer's managerial role with suitable example.	**(14)**	**5**	**3**

PART- C(1x 10=10Marks)

(Q.No.16 is compulsory)

		Marks	CO	RBT LEVEL
16.	Explain with suitable examples how the respect for others religious beliefs enhance the peaceful living.	**(10)**	1	**5**

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