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**Question Paper Code : X 10556**

B.E./B.Tech. DEGREE EXAMINATIONS, NOV/DEC 2020 AND APRIL / MAY 2021  
Sixth /Seventh/Eighth Semester  
Civil Engineering  
GE 8076 – PROFESSIONAL ETHICS IN ENGINEERING  
(Common to all Branches)  
(Regulations 2017)

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions

PART – A

(10×2=20 Marks)

1. Write the difference between ethics, morale and values.
2. Differentiate sympathy from empathy.
3. What is moral dilemma ?
4. Write the need of engineering ethics.
5. What are the general features of morally responsible engineers ?
6. Differentiate between scientific experiments and engineering projects.
7. Write the difference between Manager and Leader.
8. Write the advantages of collective bargaining.
9. What do you mean by hired gun ?
10. Define environmental ethics.

**PART – B****(5×13=65 Marks)**

11. a) Write the need and importance of studying ethics and how far the study of ethics improves the behavior of an individual and boosts the organization culture.  
(OR)  
b) Discuss in detail how far the Yoga and Meditation improves ones personality and help to achieve professional excellence and stress management.
12. a) Write the various Moral theories and discuss in detail the Gilligen's theory.  
(OR)  
b) Discuss in detail the Kohlberg's theory.
13. a) Engineers are responsible experimentors. Discuss.  
(OR)  
b) Write the importance of code of ethics for Engineers in order to maintain the industrial standards.
14. a) How far the intellectual property rights are protected statutorily in India.  
(OR)  
b) Explain the process of collective bargaining in Indian Context in the industries.
15. a) What is Cyber Crime ? Discuss in detail the various cyber crimes in the context of Ten Commandments of Computer Ethics.  
(OR)  
b) Discuss in detail the concept of Business Ethics and Environmental ethics in the context of technological development and for the sustenance of sustainable development.

**PART – C****(1×15=15 Marks)**

16. a) With various examples explain the various ethical issues faced by a consultant engineer. How an engineer can create a good ethical climate in any industry ?  
(OR)  
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".
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