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Question Paper Code: 48701

B.E./B.Tech. DEGREE EXAMINATION, APRIL 2019

Eighth Semester

Civil Engineering

14UME801 - PROFESSIONAL ETHICS

(Common to ALL branches)

(Regulation 2014)

Duration: Three hours

Maximum: 100 Marks

PART A - (10 x 1 = 10 Marks)

(Answer all Questions)

1. Ethical Egoism deals with the view that right action CO1- R
 - (a) consists of producing one's own good
 - (b) what law states
 - (c) defines the customs of one's society requires
 - (d) all the above

2. Servant who receives and translates the directive of management into better achievement is CO1- R
 - (a) Guardian (b) Bureaucratic Servant
 - (c) Social Servant (d) Savior

3. Informed Consent deals with CO2- R
 - (a) Knowledge and Voluntariness (b) Processing and Fabrication
 - (c) Learning from the past (d) Experimentation

4. Scientific Experiment means CO2- R
 - (a) Natural experiment
 - (b) Gaining the knowledge about the product
 - (c) Conducting an experiment to gain new knowledge
 - (d) Planning to put into practice

5. Contract between Inventor and Society is called as CO3- R
 (a) Trademarks (b) Patent
 (c) Trade Secrets (d) Copyrights
6. Knowledge required to assess the risk CO3- R
 (a) Dedication (b) Management skill (c) Experience (d) Analytical testing
7. A substantial amount of money and good is offered beyond a stated business contract is called as CO4- R
 (a) Gift (b) Bribe
 (c) Kickbacks (d) None of the above
8. IPR means CO4- R
 (a) Intellectual Property Rights (b) Intellectual Preventive Rights
 (c) Intellectual Productive Rights (d) None of the above
9. Computer Ethics Issues CO5- R
 (a) Stealing computer (b) Cyber Squatting
 (c) Political usage (d) Technological usage
10. International Human Rights suggest CO5- R
 (a) Right to ownership of property (b) Freedom of physical movement
 (c) political participation (d) do illegal activities against law

PART – B (5 x 2= 10Marks)

11. Differentiate Micro-Ethics and Macro-Ethics. CO1- U
12. Enumerate the roles of codes. CO2- U
13. Are the engineers responsible to educate the public for safe operation equipment? How? CO3- U
14. What is meant by “White-Collar Crime”? CO4- U
15. Give some of the Environmental Issues of concern to engineers. CO5- U

PART – C (5 x 16= 80Marks)

16. (a) Explain the steps used to solve an Ethical problem CO1 -U (16)
 Or
 (b) Explain in detail about Moral Dilemmas. And Enumerate the uses of Ethical theories. CO1 -U (16)

17. (a) Summarize the roles of “Codes of Ethics” of various professional engineering societies and indicate the relative importance of the various categories of these roles. CO2- Ana (16)
- Or
- (b) What is the important code of ethics? Give brief account on ‘4’ canons of codes of ethics quoted by international standard or association. CO2- Ana (16)
18. (a) Explain the concept of risk Benefit Analysis with the help of Chernobyl Case study. CO3- U (16)
- Or
- (b) (i) Compare safety and risk. CO3- Ana (6)
- (ii) Compare the reasons for Nuclear Reactor accident that occurred in Three Mile Island and Chernobyl. CO3- Ana (10)
19. (a) (i) Explain the need for Confidentiality. CO4 - Ana (8)
- (ii) Explain in detail about Occupational Crime. CO4 - Ana (8)
- Or
- (b) Explain in detail about Internal Responsibilities of Engineers CO4- U (16)
20. (a) Justify the roles of Engineers as Manager, Consultant, Witness and Advisor. CO5- U (16)
- Or
- (b) (i) What are ways to promote an Ethical climate in an organization? CO5- U (8)
- (ii) What are the important forms of Conflicts? CO5- U (8)

