KUMARAGURU
college of technology
character is life

Register Number: …….

B.E/B.TECH DEGREE EXAMINATIONS: APRIL/MAY 2016

(Regulation 2013)

Sixth Semester

U13GST008 : Professional Ethics

(Common to ECE / CSE / FT / IT)

Time: Three Hours **Maximum Marks: 100**

Answer all the Questions:-

PART A (10 x 1 = 10 Marks)

1. _____ is morality or standard of righteous behaviour in relationship to a citizen's involvement in society.
   a) Status-quo b) Integrity
   c) Honesty d) Civic virtue
2. Mutual respect for others brings _____.
3. The two aspects of honesty are _____
   a) Cooperation and coexistence b) Consensus and compromise
   c) Truthfulness and trustworthiness d) Sincerity and commitment
4. Proficiency virtues are virtues of ones _____
5. Industrial standards consists of explicit specifications which ensure _____
   a) proper designing and manufacturing b) proper safety
   c) interchange ability and quality d) feasibility and cost-effectiveness
6. The sinking of the ship "Titanic" was a major disaster that cost 1522 lives and it was because it lacked _____.
7. In engineering projects _____ exercise most of the experimental control.
   a) Employers b) Clients and consumers
   c) Managers d) Share holders
8. Principles of duties that have exceptions are called as _____.
9. According to John Rawls, valid principles of duty are those that would be Voluntarily agreed upon by all _____ persons in a imaginary situations.
   a) rational b) irrational
   c) political d) professional
10. _____ says that actions are morally right when they are approved by law or custom.

PART B (10 x 2 = 20 Marks)
(Answer not more than 40 words)

11. Identify a real time example for professionalism in an education organization.
12. List out ethical rights of labour in an industry.
13. Give the aspects of sharing.
14. Why integrity is needed in engineering ethics?
15. As an Engineer, relate your duty to society.
16. Define risk-benefit analysis.
17. Distinguish Collegiality and loyalty with example.
18. Why conflict of interest is required in any contract agreement?
19. Point out few computer ethics to be followed by engineers.
20. Differentiate the role of manager and consultant.

PART C (5 x 14 = 70 Marks)
(Answer not more than 400 words)

Q.No. 21 is Compulsory

21. Discuss on engineers involvement in weapons development and analyze the problems faced by defense industry.

22. (a) (i). Rationalize the psychological theory of moral development set forth by Lawrence Kohlberg. (7)

(ii) Discuss two specific examples for resolving ego and lack of self interest. (7)

(OR)

(b) (i). Suppose an engineer following Integrity and Honesty but showing lack of self respect in his job. Comment the consequences. (7)

(ii) Enumerate theories behind the duty ethics and rights ethics. (7)

23. (a) Explain the function of codes of ethics and highlight legal aspects of social ethics. Give an instantaneous example.

(OR)

(b) How the Challenger disaster happened? Examine the framework of the engineering -as-experimentation model.

24. (a) Analyse the safety issues and risk in Chernobyl incident. Give your risk benefit analysis for the case.

(OR)

(b) Explain the safety experiments you have learnt from Bhopal accident. Suggest safety measures to reduce risk for the case.

25. (a) (i). Explain advantages and disadvantages of collective bargaining. (7)

(ii) Demonstrate an occupational crime with example. (7)

(OR)

(b) (i). Explain in detail the external responsibilities of engineers. (7)

(ii) Justify the requirements of obtaining an intellectual property rights for your products. (7)

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