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Question Paper Code: 38074

B.E. / B.Tech. DEGREE EXAMINATION, NOV 2017

Elective

Mechanical Engineering

01UME914 - PROFESSIONAL ETHICS

(Common to CIVIL, CSE, ECE, EIE, ICE and IT branches)

(Regulation 2013)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 2 = 20 Marks)

1. Define Ethics?
2. State the uses of Ethical theories.
3. State the importance of Ethical codes.
4. Define moral autonomy.
5. List out the logic of engineering as social experimentation.
6. State the industrial definition on safety.
7. Mention any four case studies for regarding safety and risk.
8. Define confidentiality.
9. Define Computer Ethics.
10. What is needed of the expert engineers?

PART - B (5 x 16 = 80 Marks)

11. (a) Why Ethics? Brief the seven social issues on ethics emphasized by Mahatma Gandhi. (16)

Or

- (b) Explain about the importance of engineering ethics with a suitable illustration. (16)
12. (a) Explicate Kohlberg's model of moral development. (16)
- Or
- (b) Explain the concept, engineering as social experimentation with examples. (16)
13. (a) How do you call an Engineer as a responsible Experimenters. (16)
- Or
- (b) Describe the Bhopal gas tragedy and its effects. (16)
14. (a) What do you understand by white collar crime? Explain the various occupational crimes with examples. (16)
- Or
- (b) Explain the various measures for assessing and reducing Risk. (16)
15. (a) What are the benefits to MNC in doing business with developing countries. (16)
- Or
- (b) Explain the issues related to computer ethics and internet with personal experience. (16)
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