

Reg. No. :

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Question Paper Code: 39714

B.E. / B.Tech. DEGREE EXAMINATION, SEP 2020

Elective

Mechanical Engineering

01UME914 - PROFESSIONAL ETHICS

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

(Regulation 2013)

Duration: One hour

Maximum: 30 Marks

PART A - (6 x 1 = 6 Marks)

(Answer any six of the Questions)

1. Social conventions about right or wrong conduct related to
 - (a) Morals
 - (b) Ethics
 - (c) Social concerns
 - (d) All the above
2. Moral Autonomy deals with
 - (a) Respecting others
 - (b) Self-determining
 - (c) recognition and reward systems
 - (d) Public good
3. General features of morally responsible engineers
 - (a) Conscientiousness
 - (b) Accountability
 - (c) Comprehensive perspective
 - (d) All the above
4. Case study means
 - (a) problem solving
 - (b) Imaginary or real situation
 - (c) Filling an incident
 - (d) decision making
5. Disaster means
 - (a) Accident
 - (b) Huge accident
 - (c) Seriously disruptive event
 - (d) Loss of damage
6. Knowledge required to assess the risk
 - (a) Dedication
 - (b) Management skill
 - (c) Experience
 - (d) Analytical testing
7. Central Elements of Collegiality are
 - (a) Commitment
 - (b) Connectedness
 - (c) Cooperation
 - (d) All the above

8. IPR means
- | | |
|------------------------------------|------------------------------------|
| (a) Intellectual Property Rights | (b) Intellectual Preventive Rights |
| (c) Intellectual Productive Rights | (d) None of the above |
9. Computer Ethics Issues
- | | |
|-----------------------|-------------------------|
| (a) Stealing computer | (b) Cyber Squatting |
| (c) Political usage | (d) Technological usage |
10. CSR deals with
- | | |
|---------------------|----------------------------|
| (a) Social concerns | (b) Environmental concerns |
| (c) both (A)&(B) | (d) None of the above |

PART – B (3 x 8= 24 Marks)

(Answer any three of the Questions)

11. Explain about the importance of engineering ethics with a suitable illustration (8)
12. Explain the concept, engineering as social experimentation with examples (8)
13. Describe the Bhopal gas tragedy and its effects. (8)
14. Explain the various measures for assessing and reducing Risk. (8)
15. What are the benefits to MNC in doing business with developing countries. (8)