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Invigilator's Signature :	

# ${\tt CS/B.Tech(CSE/ECE/EE)/SEPARATE~SUPPLE/SEM-8/HU-801/2011} \\ {\tt 2011}$

### **VALUES & ETHICS IN PROFESSION**

Time Allotted: 3 Hours Full Marks: 70

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

# GROUP - A

(Multiple Choice Type Questions)

1. Choose the correct alternatives for any ten of the following:

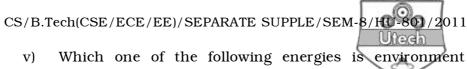
 $10 \times 1 = 10$ 

- i) Main objective of life is
  - a) earning wealth without morality
  - b) earning reputation by unfair means
  - c) earning peace and bliss
  - d) none of these.

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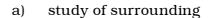
- ii) The term "Whistle blower" was initially used to describe which of the following?
  - a) Government employees who went public with complaints of corruption
  - b) Private sector employees who went public with complaints of corruption
  - c) Both (a) & (b)
  - d) none of these.
- iii) Which of the following are components of a well-designed whistle-blowing policy?
  - a) A suggestion box
  - b) A guarantee of retaliation
  - c) A commitment to take appropriate action
  - d) All of these.
- iv) Which of the following are means of unethical competitor intelligence gathering?
  - a) Dumpster diving
  - b) Bribery
  - c) Theft
  - d) All of these.



- friendly?
  - a) Atomic energy
  - b) Coal energy
  - c) Wind energy
  - d) Oil energy.
- vi) Bhopal Gas tragedy occurred in
  - a) Novermber, 1985
  - b) December, 1984
  - c) January, 1986
  - d) December, 1983.
- vii) Cause of air pollution is
  - a) use of old vehicles
  - b) unused garbage
  - c) loudspeakers
  - d) none of these.

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## viii) Ecology means



- b) study of interrelationship between things and between living creatures and the environment
- c) study of Flora and Fauna
- d) none of these.
- ix) Which of the following is consistent with the reasonable person standard?
  - a) Experts must identify a hazard
  - b) Employers must demonstrate that they sincerely believe a hazard exists
  - c) Employers must demonstrate that a hazard actually exists
  - d) Evidence must be strong enough to persuade a reasonable person that a hazard exists.

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- x) Which of the following are theories of product liability
  - a) Legal Theory
  - b) Design Theory
  - c) Contractual Theory
  - d) Fairness Theory.
- xi) A "trade secret" is which of the following?
  - a) The salary sheet of administrators and employees of the compay
  - b) Intellectual property protected by patents, copyrights and trademarks
  - c) Accounts books and Audit Report
  - d) None of these.

#### **GROUP - B**

#### (Short Answer Type Questions)

Answer any *three* of the following.  $3 \times 5 = 15$ 

- 2. State the basic Indications of Economic Development and Natural Resources.
- 3. Explain Environment Regulation & Eco-friendly Technologies.

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- 4. Define profession. Is there any difference between professionals and non-professionals?
- 5. How should you determine the engineer's and his/her company's social responsibility?
- 6. Define Resource. State with example the Organic Resources and Inorganic Resources.

#### GROUP - C

# (Long Answer Type Questions)

Answer any *three* of the following.  $3 \times 15 = 45$ 

- 7. What do you know about environmental pollution? State and explain the varrious types of pollution and discuss the effect of pollution. 3+6+6
- 8. What is Whistle Blowing? Briefly discuss any case study on whistle blowing. What are the conflicts arise between business demands and professional ideals? 3 + 4 + 8
- 9. a) Define Club of Rome. What are its objectives?
  - b) What do you know of global warming? State the various causes of global warming. Discuss the effects in short term and long term. (1+4)+(2+3+5)
- 10. a) Define Resource. Discuss the various types of Resources with example.
  - b) Define environmental pollution. (4+6)+5

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11. a) Discuss the problems of man-machine interactions.

- b) State the human operator in engineering project and industries. 7 + 8
- 12. Discuss the social and ethical responsibilities of Engineers and Technologists. In what ways such responsibilities contradict the primary goal of business to make profit? 15

OR

The environmental problems of developing countries are not the side effect of excessive industrialization but the inadequacy of development. Explain this paradox.

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