



Name :

Roll No. :

Invigilator's Signature :

CS/B.Tech(CSE/ECE/EE)/SEPARATE SUPPLE/SEM-8/HU-801/2011

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 × 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.



- 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.



v) Which one of the following energies is environment friendly ?

- a) Atomic energy
- b) Coal energy
- c) Wind energy
- d) Oil energy.

vi) Bhopal Gas tragedy occurred in

- a) November, 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.



viii) Ecology means

- a) study of surrounding
- 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.



- 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 company
 - 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.



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. $(4 + 6) + 5$



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. 15
