

Name : .....

Roll No. : .....

Invigilator's Signature : .....

**CS/B.Tech(N)/CE/ME/CSE/IT/AUE/CHE/FT/MRE/PE/BT/  
TT/CT/LT/APM/SEM-3/HU-301/2012-13**

**2012**

**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 the following :

10 × 1 = 10

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

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

ii) Ethics is

- a) a step of materialistic world
- b) a normative science of conduct of a human being
- c) not connected with growth of human being
- d) none of these.



- iii) The first and foremost professional ethics is
- a) to striving for excellence
  - b) to take due care to the environment
  - c) to serve the needy and poor of the society
  - d) none of these.
- iv) Bhopal Gas Tragedy reminds us
- a) of fallacy of Technical Development
  - b) of industrialist's unethical move
  - c) of man-machine relationship
  - d) of unethical engineering.
- v) The Club of Rome was founded in
- a) 1967
  - b) 1968
  - c) 1969
  - d) 1970.
- vi) WBREDA means
- a) West Bengal Resource Energy Development Agency
  - b) West Bengal Renewable Energy Development Agency
  - c) West Bengal Renewable Energy Development Agent
  - d) West Bengal Renewable Energy Development Association.



- vii) The BART case in connection with whistle blowing belongs to
- a) USA, California                      b) USA, New York  
c) Hawaii, Honolulu                      d) India, Bay of Bengal.
- viii) A good society needs for survival of
- a) good education  
b) Education on values and ethics  
c) Training on Entrepreneurship development  
d) all of these.
- ix) Self actualization is the top tier of
- a) Maslow's hierarchy of needs  
b) Bayes' hierarchy of needs  
c) Kant's empirical model  
d) Descartes's Universal truth.
- x) What does OPEC stand for ?
- a) Ongoing Petrol Energy Crisis  
b) Organization of Petroleum Exporting Countries  
c) Overseas Petrol Energy Crisis  
d) both (a) and (b).

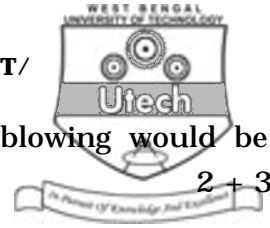
**GROUP - B**

**( Short Answer Type Questions )**

Answer any *three* of the following.                      3 × 5 = 15

2. Why is engineering a profession ? Does an engineer require any values or ethics to perform his/her job ?                      2 + 3
3. What is pollution ? What are the chief causes of pollution ?                      1 + 4

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4. What is whistle blowing ? How whistle blowing would be handled by employers section ? 2 + 3
5. Write a short note on sustainable development.
6. Define the term 'Value Spectrum of good life'.

**GROUP - C**

**( Long Answer Type Questions )**

Answer any *three* of the following. 3 × 15 = 45

7. What are the processes of technology transfer ? What are the problems of technology transfer ? Also discuss about the influence on above on an assembly line. 7 + 4 + 4
8. Define renewable energy. What is photovoltaic energy conversion ? Define environmental ethics. State the different issues related to environmental ethics. Give examples. 2 + 2 + 3 + 8
9. What do you mean by 'value crisis' ? Discuss the various levels where the crisis is felt in contemporary Indian Society. How can these crisis be avoided ? 3 + 8 + 4
10. Define societal values. Describe the concept of a good society in terms of justice, rules of law and democracy. 3 + 12
11. Write short notes on any *two* of the following : 2 × 7  $\frac{1}{2}$
- a) Ethical Dilemma
  - b) Corporate Social Responsibility
  - c) Aesthetic Values
  - d) Eco-friendly Technologies.