



Name : .....  
Roll No. : .....  
Invigilator's Signature : .....

**CS/B.TECH (NEW)/ECE/EE/EEE/EIE/ICE  
/PWE/BME/SEM-4/HU-401/2012  
2012**

**VALUES AND ETHICS IN PROFESSION**

Time Allotted : 3 Hours

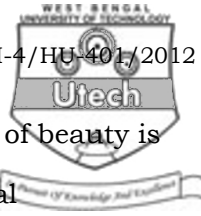
Full Marks : 70

*The figures in the margin indicate full marks.*

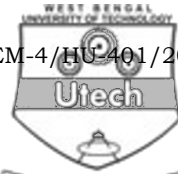
*Candidates are required to give their answers in their own words  
as far as practicable.*

**GROUP – A  
( Multiple Choice Type Questions )**

1. Choose the correct alternatives for the following :  $10 \times 1 = 10$ 
  - i) The most effective method of settling dispute is
    - a) collective bargaining
    - b) arbitration
    - c) conciliation
    - d) adjudication.
  - ii) Human values do not include
    - a) contentment
    - b) vindictiveness
    - c) forbearance
    - d) compassion.
  - iii) Man-Machine relationship governs the
    - a) output of the machine
    - b) quality of product
    - c) attitude of the operator
    - d) all of (a), (b) and (c).



- iv) Values that are related to the enjoyment of beauty is
- a) societal
  - b) spiritual
  - c) aesthetic
  - d) material.
- v) Renewable sources of energy are
- a) diesel engine
  - b) thermal power stations
  - c) wind energy
  - d) gas turbine.
- vi) Technology Transfer means
- a) licensing agreement
  - b) systematic transfer of complete knowledge of manufacturing process from the design stage to final stage for making a product
  - c) transfer of Intellectual Property Right (IPR)
  - d) export of plants and machinery.
- vii) The term 'Sustainable Development' was coined by
- a) Brundtland Commission
  - b) World Bank
  - c) World Trade Organisation
  - d) UNESCO.
- viii) Corporate Social Responsibility (CSR) is similar to
- a) Social Ethics
  - b) Sustainable Ethics
  - c) Charity and Philanthropy
  - d) Sustainable Response Business.



- ix) Corporate values do not support
- a) lifetime employment      b) devotion to customer
  - c) sole profit motive        d) customer relation.
- x) What product cycle is long enough, a company is likely to chose its own ?
- a) R & D                              b) Process
  - c) Product diversification      d) None of these.

**GROUP - B**

**( Short Answer Type Questions )**

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

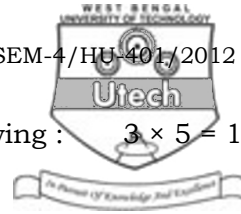
2. Explain in brief your ideas about challenges to sustainable development.
3. Discuss the role of engineers and technologists in the development of the society.
4. Explain the concept of Whistle Blowing with a suitable case.
5. What is the difference between Values and Ethics ? What do you mean by Value Spectrum ?

**GROUP - C**

**( Long Answer Type Questions )**

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

6. Global Warming is a major challenge faced by the mankind today. How, in your opinion, Engineers and Technologists can contribute in mitigating this problem ? What are the roles of Renewable Energy in this context ?



7. Write short notes on any *three* of the following :  $3 \times 5 = 15$
- a) Social Audit
  - b) Innovation
  - c) Value Judgement
  - d) Human Centred Technology.
8. Mention codes of ethics for Corporate Members. Mention one case of good corporate Social Responsibility.  $10 + 5$
9. What is Eco-friendly Technology ? Give some examples of eco-friendly technologies and products. What steps, you feel, should India take to promote eco-friendly technology and product ?  $2 + 7 + 6$
10. Identify the different levels where value-crisis is seen in contemporary India. Briefly discuss the societal values enshrined in Indian Constitution in this context.  $8 + 7$

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