



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

**CS/BCA/SEPARATE SUPPLE/SEM-5/HU-501/2011**

**2011**

**VALUES AND ETHICS OF 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 correct answer from the following alternatives

10 × 1 = 10

- i) "Energy Crisis" has led to
  - a) Energy Consumption
  - b) Energy conservation
  - c) Generation of non conventional energy
  - d) Non-renewable energy.
  
- ii) Social values are part of moral education for professional engineers
  - a) True
  - b) False
  - c) the two are not related
  - d) undesirable.



- iii) Reports of Club of Rome relate to
  - a) Subscription for club membership
  - b) Give clue to sustainable development
  - c) Offer air fare to go to Rome
  - d) Describe the legendary conquests of Rome.
- iv) What is meant by Integrated Personality ?
  - a) Personality of a good citizen
  - b) Personality which integrates various qualities
  - c) Personality of people in a good society
  - d) All of these.
- v) Carrying capacity of the environment is concerned with the growth of
  - a) Population
  - b) Species
  - c) Community
  - d) Forests.
- vi) WBREDA means
  - a) West Bengal Resource Energy Development Agent
  - b) West Bengal Renewable Energy Development Agent
  - c) West Bengal Resource Energy Development Agency
  - d) West Bengal Renewable Energy Development Agency.
- vii) Bhopal Gas Tragedy occurred in
  - a) December 1984
  - b) November 1985
  - c) January 1986
  - d) December 1983.



- viii) CSR means
- a) Community social responsibility
  - b) Corporate social responsibility
  - c) Community service responsibility
  - d) None of these.
- ix) In India the most popular solid waste disposal method is
- a) Open dumping
  - b) Sanitary Land filling
  - c) Composting
  - d) None of these.
- x) Combustion of fossil fuels causes which among the following ?
- a) Acid Rain
  - b) Global Warming
  - c) Ozone layer depletion
  - d) Both a & b.

**GROUP – B**

**( Short Answer Type Questions )**

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

2. What do you mean by renewable energy and non-renewable energy ?
3. Write in brief on the Report of Club of Rome.
4. How do you describe Whistle Blowing ?
5. State the reasons for crisis in contemporary Indian society.
6. Differentiate between attitude and value. Give examples.



**GROUP - C**

**( Long Answer Type Questions )**

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

7. What do you understand by sustainable development ? Discuss the relevance of the concept of sustainable development in various fields in the present day society.  $5 + 10$
8. Science and technology is growing rapidly throughout the world. In this context, discuss the contribution of science and technology as knowledge. How has the growth of science and technology created an adverse impact on the Indian society ?  $7 + 8$
9.
  - i) Define environment.
  - ii) Write about environmental degradation. Explain depletion of resources.  $7 + 8$
10. What are social and ethical responsibilities of the technologists ? Are there any conflicts between demands and professional ideals ?  $8 + 7$
11. Write notes on *any three* of the following :  $3 \times 5$ 
  - a) Global warming
  - b) Value spectrum of good life
  - c) Human centered technology
  - d) Impact of assembly line and automation
  - e) Aesthetic values.