



**ENGINEERING & MANAGEMENT EXAMINATIONS, APRIL - 2008**  
**VALUES & ETHICS IN PROFESSION**  
**SEMESTER - 8**

Time : 3 Hours ]

[ Full Marks : 70

**GROUP - A**

**( Multiple Choice Type Questions )**

1. Choose the correct answer from the given alternatives in each of the following questions : 10 × 1 = 10

i) Application of science, technology and engineering has made mankind

- a) a civilized and sociable person
- b) uncivilized person
- c) unsociable person
- d) none of these.

ii) Profession means

- a) any paid occupation, job or career
- b) specialized person in his job area
- c) any way of serving livelihood
- 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) Report of Club of Rome describes
  - a) low levels of productivity and regional disparities
  - b) factors affecting growth
  - c) both (a) & (b)
  - d) none of these.
  
- v) Limits to growth refer to
  - a) limiting the pace of economic growth
  - b) reduction in national income
  - c) reducing the industrial growth
  - d) none of these.
  
- vi) Eco-friendly technologies include in production of chemical
  - a) using CFC
  - b) using petroleum fraction
  - c) using natural gas
  - d) none of these.
  
- vii) Non-commercial mean of technology transfers
  - a) licensing agreements
  - b) exchange of information of personnel through technical co-operation programmes
  - c) export of parts
  - d) none of these.
  
- viii) Acquiring comfort, convenience, relaxation and recreation are included in
  - a) societal values
  - b) material values
  - c) human values
  - d) none of these.
  
- ix) According to Indian Constitution, India is
  - a) capitalist, non-secular, sovereign country
  - b) socialist, secular, sovereign, democratic, republic country
  - c) non-socialist, non-republic, secular country
  - d) none of these.
  
- x) Which of the following should be treated as terminal value ?
  - a) Obedience
  - b) Peace and harmony
  - c) Truthfulness
  - d) None of these.



### GROUP - B

( Short Answer Type Questions )

Answer any *three* of the following.

3 × 5 = 15

2. Give an account of the Idea regarding Technology Assessment Impact Analysis.
3. Define Profession. What should be the essential elements of an Ideal profession ?
4. How do you rate the ethical and legal justification of Whistle Blowing ?
5. Discuss science, technology and engineering as social and professional activity.
6. Give an account of the problems relating to Technology Transfer Process.

### GROUP - C

( Long Answer Type Questions )

Answer any *three* questions.

3 × 15 = 45

7. What is "Good Life" ? "Happiness is a state of Mind." Discuss the statement in the Idea of Good Life. What is meant by "Value Spectrum" ?  
4 + 6 + 5
8. What is meant by "Code of Professional Ethics" ? Explain some of the universally accepted codes of professional ethics. How do you feel a professional should deal with the conflicts between Individual and Corporate / Business ethics ?  
2 + 8 + 5
9. What is meant by the term 'limits to growth' ? State briefly the findings and recommendations of "Club of Rome" on the state of world growth trend of Twentieth Century. Do you feel that this report is an 'anti-developmental pessimistic conspiracy', especially in the context of third world ?  
3 + 8 + 4
10. What does "Sustainable Development" actually mean ? What are the main challenges faced in selection of technology for a Developing Nation ? In this regard explain the idea of Human Centered Technology.  
4 + 6 + 5
11. Identify the major problems associated with the different forms of Anthropogenic ( Human-caused ) environmental disorder in the context of rapid technological growth. Discuss the role of different forms of renewable energy resources to overcome the limits of world energy resources.  
8 + 7

END