



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

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