



Name : .....

Roll No. : .....

Invigilator's Signature : .....

**CS/MCA/SEM-5/HU-501/2012-13  
2012**

**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 the correct alternatives for any *ten* of the following :  
10 × 1 = 10
  - i) 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.
  - ii) Report of Club of Rome describes
    - a) low levels of productivity and regional disparities
    - b) factors affecting growth
    - c) both (a) and (b)
    - d) none of these.



iii) Plastic is

- a) non-biodegradable waste
- b) biodegradable waste
- c) chemical waste
- d) all of these.

iv) An action which is normally right if the consequences of that action are more favourable than unfavourable to everyone is

- a) egoism
- b) utilitarianism
- c) altruism
- d) all of these.

v) The theory that says that an action is considered morally correct if the consequences of that action are more favourable than unfavourable is

- a) Theological ethical theory
- b) Deontological theory
- c) Virtue ethics theory
- d) all of these.



- vi) Technology assessment and impact analysis can be discussed under
- a) economic effects
  - b) organizational
  - c) behavioural
  - d) none of these.
- vii) The idea of producing the greatest good for the greatest number of people is advocated by the
- a) Theory of justice
  - b) Utilitarian theory
  - c) Theory of rights
  - d) Universalisation theory.
- viii) The control of pollution is one form of
- a) Preservation
  - b) Reservation
  - c) Conservation
  - d) Exervation.



- ix) The effect of which electricity is generated when two dissimilar metals in close contact are exposed to sunlight is
- a) Photochemical effect
  - b) Combination of photoelectric and photochemical effect
  - c) Photoelectric effect
  - d) Photovoltaic effect.
- x) The acid rain is closely related to
- a) burning of garbage
  - b) burning of acidic substances
  - c) burning of inorganic metals
  - d) burning of organic substances.
- xi) The effect of rapid technological growth of nation is
- a) economic development
  - b) increase in resources
  - c) depletion of resources
  - d) increasing water levels.



- xii) The appropriate technology movement was propounded by
- a) E.F. Schumacher
  - b) A. Maslow
  - c) Swami Dayanand
  - d) McGregor.

**GROUP - B**

**( Short Answer Type Questions )**

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

2. Define value, ethics, character, culture and moral. Name the different types of values. Mention the different levels where value crisis exist at the contemporary society. Suggest some measures to prevent value crisis.
3. Mention the difference between Science and Technology. What is technology transfer ? Write briefly different steps of technology transfer.
4. Define profession. What are the basic elements needed for any profession ? What are the causes for deviation of a professional from professional ethics ? How this can be prevented ?

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5. What is Safety Engineering ? Why it is very important in any industry ? What are the various programmes or workshops that are organised by Safety Engineering to propagate safety concept among the employees of an organization ?

**GROUP - C**

**( Long Answer Type Questions )**

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

6. Define assembly line giving some examples. Briefly discuss how professional ethics can be maintained by a Production Manager in an Automobile Industry. Define human operator in engineering, mechanization and automation.
7. What is Human Centre Technology ? Why it is considered important in all engineering projects in industries ? What is machine interface ? Give example.
8. Define Science and Technology. What is Technology Transfer ? Mention different steps of Technology Transfer. Write the merits and demerits during technology transfer.



9. What is societal value ? What do you mean by value crisis ?

Discuss the various levels where value crisis is found in the contemporary society. How these crises can avoided ? Can you justify the liberation or globalization concepts in our country ?

