



Name :

Roll No. :

Invigilator's Signature :

CS/B.TECH(CSE,ECE,EE)/SEP. SUPPLE/SEM-8/HU-801/2012

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.*

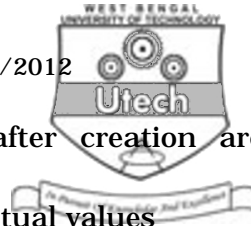
GROUP – A

(Multiple Choice Type Questions)

1. Choose the correct alternatives for the following :

10 × 1 = 10

- i) The ethically approved trait of character is known as
 - a) value
 - b) culture
 - c) moral
 - d) virtues.
- ii) Number of variable factors which were considered in the report of 'Limit to Growth' submitted by The Club of Rome are
 - a) two
 - b) five
 - c) four
 - d) six.
- iii) According to the Constitution of India, India is a
 - a) Socialist, Secular, Sovereign, Democratic, Republic Country
 - b) Capitalist, Secular and Democratic Country
 - c) Non-socialist, Secular and Sovereign Country
 - d) None of these.



- iv) Sense of Beauty and Enjoyment after creation are concerned with
 - a) Psychological values b) Spiritual values
 - c) Ethical values d) Aesthetic values.
- v) Renewable source of energy is
 - a) Wind energy b) Thermal Power Station
 - c) Gas turbine d) Diesel engine.
- vi) Not helping a blind person to cross a busy road is
 - a) punishable b) indiscipline
 - c) indecent d) unethical.
- vii) Technology Transfer means
 - a) Export of Technology
 - b) Licensing Agreement
 - c) Exchange of information of personnel through Technical Co-operation Programmes
 - d) Systematic transfer of complete knowledge of manufacturing process from the designing stage to the final stage for making the product.
- viii) The human-machine interface (HMI) is where
 - a) people and technology meet
 - b) man works with machine
 - c) human being is working as machine
 - d) machine is designed by human being.
- ix) Small is beautiful has been narrated by
 - a) Parkinson b) Samuelson
 - c) Schumacher d) Alexander King.
- x) Whistle Blowing in professional ethics is concerned with
 - a) To make the public aware about unethical practices by the employer which are against the well being of the society
 - b) blowing whistle in play ground
 - c) presenting whistle to the ethical people
 - d) making the people aware about safety at night.



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 type 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. What is Club of Rome ? Describe the report submitted by Club of Rome. What are the different factors considered during the preparation of the report ? Write the empirical relationship as mentioned in the report for estimating the period of reserve for any natural resource.
5. 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 ?
6. What is Safety Engineering ? Why it is very important in any industry ? Name the safety devices that prevents from accident during work. What are the various programmes or workshops that are organized 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. $3 \times 15 = 45$

7. Define assembly line giving some example. Briefly discuss how professional ethics can be maintained by a Production Manager in an Automobile Industry. Define human operator in engineering, mechanization and automation.
8. What is Human Centre Technology ? Why is it considered important in all engineering projects in industries ? What is machine interface ? Give examples.
9. Define Science and Technology. What is Technology Transfer ? Mention different steps of Technology Transfer. Write the merits and demerits during technology transfer.
10. Explain the term 'Corporation Social Responsibility'. How can a company provide support to the society through proper implementation of Corporate Social Responsibility ? Give some examples.
11. 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 crisis can be avoided ? Can you justify the liberation or globalization concept in our country ?

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