

HU-501

VALUES AND ETHICS OF PROFESSION

Time Allotted: 3 Hours

Full Marks: 70

The questions are of equal value.

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. Answer any *ten* questions. 10×1 = 10
- (i) One of the problems of technology transfer is
- (A) The terms and conditions often omit a large number of products
 - (B) Language problem
 - (C) Delay in payment
 - (D) All of these
- (ii) _____ is an example of renewable resource
- (A) Minerals
 - (B) Soil
 - (C) Coal
 - (D) Water
- (iii) One of the objectives of sustainable development is
- (A) Ecological balance
 - (B) Economic growth
 - (C) Protection of environment
 - (D) Protection of renewable resources
- (iv) Right and _____ are correlated
- (A) Education
 - (B) Speech
 - (C) Duty
 - (D) Justice

CS/BCA/Odd/Sem-5th/HU-501/2014-15

- (v) The modern _____ temper is concerned only about the stamp of degrees from prestigious institutions, and not the virtues of character, like intellectual honesty, humanity and so on.
- (A) Intellectual (B) Social
(C) Individual (D) Cultural
- (vi) The effect of rapid technological growth of nation is
- (A) Moral development
(B) Economic development
(C) Increasing water level
(D) Increasing resources
- (vii) Value education for professionals should be
- (A) Religious
(B) Inspirational
(C) Cultural
- (viii) Reservation of jobs for underprivileged in society is introduced by Government to
- (A) Fulfill Socio Economic Need
(B) Balance Social Unjust
(C) Ensure Industrial Growth
(D) Addresses Political Reasons
- (ix) A large business house cannot follow
- (A) Values and Ethics
(B) Only Short Term Profit
(C) CSR
(D) Philanthropic View

- (x) Code of Ethics for Software engineers that is difficult to follow is
- (A) Hard work
 - (B) Testing for error free software
 - (C) Avoiding Piracy
 - (D) Explaining software capability limitations
- (xi) Club of Rome was formed in which year?
- (A) 1968
 - (B) 1972
 - (C) 1970
 - (D) 1969
- (xii) Bio-mass is a
- (A) Plant material
 - (B) Biological mass of animals
 - (C) Biological waste
 - (D) Biological mass of both animals and plants

GROUP B
(Short Answer Type Questions)

Answer any *three* questions.

3×5 = 15

2. Explain the report of club of Rome.
3. What is Technology Impact Assessment Analysis? What are the steps are followed for TIA?
4. What is CSR policy? What are the social and ethical responsibilities associated with it?
5. Differentiate 'values' and 'ethics' with examples.
6. Write down the Appropriate Technology Movement of Schumacher and analyse its effectiveness.

GROUP C
(Long Answer Type Questions)

Answer any *three* questions.

3×15 = 45

7. What do you mean by ethical dilemma? Explain the concept of conflict of interest with an example. How can conflict of interest be resolved? 10+5
8. (a) What do you mean by technology transfer? What are the problems associated with technology transfer? 10+5
(b) What is the influence of man machine interaction on assembly line?
9. (a) What is whistle blowing in an organization? What are the main factors influencing whistle blowing? 8+7
(b) What are the ethical practices of engineering profession?
10. (a) Define optimum pollution level. "Pollution is a social economic problem." Explain. 8+7
(b) Discuss the future potential of renewable sources of energy in India.
11. Write short notes on any *three* of the following: 3×5
- (a) Sustainable Development
 - (b) Value Spectrum of Life
 - (c) Human Centred Technology
 - (d) Global Warming
 - (e) Environmental Ethics