HUMAN VALUES AND PROFESSIONAL ETHICS
(HMTS 2001)

Time Allotted : 3 hrs   **Full Marks : 70**

Figures out of the right margin indicate full marks.

*Candidates are required to answer Group A and
<u>any 5 (five)</u> from Group B to E, taking <u>at least one</u> from each group.*

Candidates are required to give answer in their own words as far as practicable.

Group – A
(Multiple Choice Type Questions)

1. Choose the correct alternative for the following: **10 × 1 = 10**

   (i)   Setting up of women redressal committee in an organization is an example of
   (a) good organizational practices   (b) organizational values
   (c) professional ethics   (d) societal values.

   (ii)   Climate change gripping the world in the present times
   (a) is man-made   (b) is brought about by nature
   (c) melting of glaciers   (d) Green-house effect.

   (iii)   You are an adult and an avid virtual game player; your seven year old niece notices the overindulgence and stops you by giving justification that video games harm eyes. She is in which of the following developmental stages?
   (a) Imitation   (b) Game
   (c) Play   (d) Conventional.

   (iv)   As an older sibling (brother/ sister) you had to complain against your younger sister's habit of dishonesty to parents, only to make her value corrective measures. Understandably you were guided by _____ ethical theory, whereas your sister was expected to learn from _____ theory.
   (a) Consequential, non-consequential   (b) Non-consequential, consequential
   (c) Utilitarian, libertarian   (d) Libertarian, utilitarian

   (v)   'Saving' is an important part of wealth management, the threat of unknown makes one prepare for difficult financial times and is related to _____ needs.
   (a) physiological   (b) safety and security
   (c) wealth need   (d) ego and Esteem needs

   (vi)   In the broader sense of socialization process,Freud and Cooley explain formation of 'self' through _____ and _____ aspects, respectively.
   (a) Sociological and Psychological   (b) Psychological and Sociological
   (c) Aesthetic and Spiritual   (d) Spiritual and Aesthetic

(vii) SDG no. 5 is about women empowerment and aims at
    (a) ending all forms of discrimination against all women and girls everywhere
    (b) providing education to the girl child
    (c) ensuring jobs for all women
    (d) ensuring safety for all women.

(viii) Two major types of Technology Transfer: Horizontal and Vertical were identified by
_____

    (a) Edwin Mansfield   (b) Abraham Maslow
    (c) Lawrence Kohlberg   (d) George Ritzer.

(ix) Which of the following is a Sustainable Development Goal (SDG) identified by UNDP to be attained by 2030?
    (a) Sustainable cities and communities   (b) Life on Mars
    (c) Zero tension   (d) Democracy and justice.

(x) The main characteristic of Industry 5.0 will be
    (a) complete shift of mechanical tasks to robots and leaving creative tasks to human beings
    (b) extensive use of machines in both manufacturing and service industry
    (c) replacing human beings in factories
    (d) replacing automated machines with highly intelligent machines.

Group - B

2. (a) Write short-note on any one of the following:
    (i) Explain role of Aesthetic Values in engineering profession.
                                  [(CO1) (Understand/LOCQ)]
    (ii) Some of our values are handed-down over many generations. State how values sustained even when the human civilizationsis so old. Use examples.
                                  [(CO1)(Understand/LOCQ)]
    (iii) How has society contributed into your socialization process? Explain with examples.   [(CO1)(Analyze/IOCQ)]
  (b) Use suitable examples to discuss how breach of values at Organisational level can affect individual lives.   [(CO4)(Understand/LOCQ)]
                                      6 + 6 = 12

3. After independence the policy of reservation on the basis of caste was introduced in our country. Although this policy was supposed to be reviewed after ten years but the same is still in place even after 75 years of independence. Recently, the Supreme Court of India has validated the constitutional amendment providing10% reservation of economically weaker sections of society belonging to the upper caste. "Reservation is an instrument of affirmative action by State so as to ensure all inclusive approach." This is an attempt to bring in social justice.
As a citizen of this country (i) Do you think social justice is an important societal value and we should try to implement the same in our country? Provide reasons. (ii) If social justice is not implemented what will be the consequences for modern India?
                               [(CO2 & 3)(Analyze/IOCQ)]
                                      (6 + 6) = 12

Group - C

4. Write short notes on any two of the following:
   (i) Stages of moral development
   (ii) Consequentialism
   (iii) Professional Ethics.   [(CO4 & CO3)(Remember/LOCQ)]
   6 + 6 = 12

5. *Indian Express Oct 2021*. Frances Haugen went against and left her employer Facebook after two years, publicly claiming that the company was aware of how its platform is being used to spread misinformation, services used byhuman traffickers, spread hate speech and violence. Haugen's step was a breakthrough in corporate conscience furthering corporate responsibility, human communication and democracy as she reported about the employer openly to court, media and masses in general.

   Considering the huge social media platform that Facebook is, Haugen reports how in 2020 the organization spent 3.2 million hours tackling misinformation, of which only 13% was out of US. For example, lack of Hindi and Bengali classifiers (hate speech detecting system) before 2020 avoided checking fear instilling, anti-communal comments made by few political parties during elections in India. Also, Facebook uses algorithms to rank posts that become top news feed for users to engage-with. So, feeds with violent contents hyper-amplifies viewers to tend to think it's normal to be violent and hate a community.

   (i) Explain the concept related to Haugen's individual ethics that she took as a step against her employer? Use instances from the case that compelled her to take the decision.   [(CO4)(Analyze/IOCQ)]

   (ii) If users of virtual platforms (including of engineers/ allied professionals and common people) happen to be lacking sense of accountability (responsible sharing), rationality (ability in judging their actions) and consciousness (realisation of the impact of the action).

   How do you think technology negatively affects and widens the gap of responsible usage?   [(CO3)(Evaluate/HOCQ)]
   [(2 + 4) + 6] = 12

Group - D

6. Presume yourself to be the CEO of Tech Solutions Pvt. Ltd. Discuss three implementable solutions aiming at reducing the consumption of energy in your workplace.   [(CO3 & 5)(Analyze/IOCQ)]
   (3 × 4) = 12

7. Write short notes (400 words) on any two of the following:
   (i) Impact of industrialisation on the society.
   (ii) Importance of maintaining safety at work places.
   (iii) Technology Transfer.   [(CO3 & 4)(Remember/LOCQ)]
   (2 × 6) = 12

Group - E

8. Go global and buy local. Explain the various aspects of this idea. Do you think this is a viable strategy for sustainable development of our country? Provide relevant examples.

[(CO5 & 6)(Analyze/IOCQ)]

12

9. Eco-friendly Technology is the buzz word in the manufacturing industry. Electric vehicles are being promoted & popularised in an attempt to cut down vehicular pollution. But they also come with the problem of waste disposal. In the light of the above statement list at least three Eco-friendly technology solutions with zero negative impact on the environment. [(CO5 & 6)(understand/LOCQ)]

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Cognition Level	LOCQ	IOCQ	HOCQ
Percentage distribution	37.5	37.5	25

Course Outcome (CO):

The student will
1. be aware of the value system and the importance of following such values at workplace
2. learn to apply ethical theories in the decision making process
3. follow the ethical code of conduct as formulated by institutions and organizations
4. Implement the principles governing work ethics
5. Develop strategies to implement the principles of sustainable model of development
6. Implement ecological ethics wherever relevant and also develop eco-friendly technology

*LOCQ: Lower Order Cognitive Question; IOCQ: Intermediate Order Cognitive Question; HOCQ: Higher Order Cognitive Question