

**HUMAN VALUES AND PROFESSIONAL ETHICS
(HMTS 2001)**

Time Allotted: 2½ hrs

Full Marks : 60

Figures out of the right margin indicate full marks.

*Candidates are required to answer Group A and
any 4 (four) from Group B to E, taking one from each group.*

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

Group – A

1. Answer any twelve:

12 × 1 = 12

Choose the correct alternative for the following

- (i) Looking glass-self theory explains
(a) the process of socialization (b) process of individualization
(c) process of racialization (d) personality development.
- (ii) 'Ego' helps us to control
(a) 'id' (b) 'superego'
(c) both 'id & 'superego' (d) none
- (iii) Aesthetic needs are important because they
(a) definitely make us happy (b) may make us happy
(c) they are not important (d) make our life beautiful.
- (iv) Rini was offered a lucrative opportunity, but for personal gain she will have to sacrifice her professional duties. Rini is a fresher and the situation is pushing her towards
(a) Moral dilemma (b) Immorality
(c) Professional Ethics (d) Lack of integrity.
- (v) Ecological Ethics
(a) deals with our responsibility towards the natural world
(b) we should strive to protect our rivers and other water bodies
(c) all living beings have their own right to exist
(d) all of these.
- (vi) Sustainable development implements the concept of
(a) reduce, reuse and recycle
(b) increased use of solar energy/renewable energy resources
(c) afforestation
(d) all of these.

- (vii) Who among the following is a famous whistle blower?
 (a) Carol Gilligan (b) Jeremy Bentham
 (c) Edward Snowden (d) Aristotle.
- (viii) Intrinsic qualities guiding an action is related to _____ ethical theory?
 (a) Consequentialism (b) Non-consequentialism
 (c) Utilitarianism (d) Hedonism
- (ix) India strikes a deal to buy defence weapons from country Z. This process is a case of _____.
 (a) Technology Transfer (b) Technology Creation
 (c) Technology Protection (d) Intellectual Property
- (x) Alex is preparing for exams and feels the urge for using unfair means. For consequences he mentally weighs all possibilities and decides to work hard rejecting his urge. Choose the correct order of the psychoanalytic concepts as Alex goes through his decision making
 (a) Id> Ego> Superego (b) Superego> Id> Ego
 (c) Ego> Id> Superego (d) Ego> Superego> Id

Fill in the blanks with the correct word

- (xi) Carol Gilligan and Lawrence Kohlberg were related to each other as _____ respectively.
- (xii) _____ remain in an unchanged form in the environment for a long time such as heavy metals, pesticides.
- (xiii) Carol Gilligan and Lawrence Kohlberg were related to each other as _____ respectively.
- (xiv) Sustainable Development was defined by _____.
- (xv) Corporate Social Responsibility is _____ for all profit making business organizations.

Group - B

2. Infinity IT Solutions is a renowned organization offering opportunities to freshers in gaining footing in the IT industry availing multiple projects, networks, cross-industry experience, higher education prospects and professional guidance. However, the company had a record of being guilty of evading taxes, offering bribes to win contracts, manipulating past interns to leak information from their respective employers and rewarding them with monetary gains.

Beyond consultancy and internship prospects, Infinity IT Solutions also have a share in manufacturing market of the computer hardware, and they do business in allied accessories. Last year the company was under scanner for having connections in a big scam selling inferior products (computer hardware / accessories) to rural consumers. Ex-employees of the organization shared grievances in their working conditions, delayed payments and mistreatment (employee seen as human labour). Together, the organization was once found causing environmental hazards in its immediate locality

by dumping electronic waste into agricultural lands. Though the organization claims to be valuing resources, humans and environment alike, there are loopholes in the system.

- (i) Explain the concept of Organisational Values. *[[CO4](Analyse/IOCQ)]*
 - (ii) List and explain any three violations that Infinity IT Solutions have made and why you think it is a breach of Organizational Values. *[[CO3](Evaluate/HOCQ)]*
 - (iii) Suggest any two steps to mitigate similar problems and remind organisations about their wider responsibilities. *[[CO3](Evaluate/HOCQ)]*
- (4 + 4 + 4) = 12**

3. Write short notes on two of the following

- (i) Why or why not? Impact of technology on our social values
 - (ii) Widespread corruption among Indian political leaders is an example of the failure of Rule of Law
 - (iii) Maslow's need priority theory
 - (iv) Organizational values. *[[CO3](Apply/IOCQ)]*
- (6 + 6) = 12**

Group - C

- 4. (a) Describe the risks associated with being a whistleblower and the ethical obligations employees and individuals must consider when confronted with an obvious ethical violation on the job. *[[CO3](Analyse/HOCQ)]*
 - (b) Explain Kohlberg's theory of Moral Development. *[[CO4](Remember/LOCQ)]*
- 6 + 6 = 12**
- 5. (a) As an individual and would be professional explain three duties that best explain your relationship with the society at large. *[[CO3](Analyse/HOCQ)]*
 - (b) With the help of an example explain the concept of Consequentialism. *[[CO4, CO3](Remember/LOCQ)]*
- 6 + 6 = 12**

Group - D

- 6. (a) From the Wuhan laboratory into our lives, what teaching according to you did the COVID Virus draws on responsible handling of Science and Technology? Use examples to substantiate the impact. *[[CO4](Remember/LOCQ)]*
 - (b) Explain the concept of Technology Transfer, types and its possible barriers. Use examples as required. *[[CO4](Apply/IOCQ)]*
- 6 + 6 = 12**
- 7. (a) Define the idea of the Energy Crisis. Analyse three reasons how it would impact human-machine interaction. *[[CO4](Analyse/IOCQ)]*
 - (b) Why does Safety hold any relevance for engineers? Give three reasons and corresponding supportive examples to express your views. *[[CO5](Analyse/IOCQ)]*
- 6 + 6 = 12**

Group - E

8. (a) Oceans contribute greatly to human life and hence a vital part of Sustainable Development goals. Write a note on human intervention in ocean health as a breach of Ecological Ethics. [[CO6,CO5](Analyse/LOCQ)]
- (b) State reasons as how over population turns against human welfare: leading further inequitable distribution of basic amenities, pollution, economic and environmental disruptions. Use examples as required. [[CO6,CO5](Remember/LOCQ)]
- 6 + 6 = 12**
9. India Today, Nov 2023. Stubble burning in India has long been a source of various issues including air pollution, health problems, and negative effects on soil fertility. Researchers from the Department of Civil Engineering (IIT Delhi), have turned a challenge into an opportunity. The new approach uses solid waste, i.e., agro residues, to create sustainable, affordable homes. These homes not only address housing issues but also contribute to combating air pollution and fostering an eco-friendly construction environment. The homes can withstand earthquakes and harsh weather, and use engineered biocomposites made from wheat and rice residues. The biodegradable nature of these construction units also offers a solution to the prevalent issue of construction material waste disposal. Moreover, their production method reduces the carbon footprint, thus addressing climate change concerns effectively.
- (i) Explain a similar concept, as applied in the above case under sustainable development that uses locally available material for developmental purposes. [[CO6](Remember/LOCQ)]
- (ii) Which four major problems can be addressed if the above is implemented at a large scale? Justify your answer with a suitable explanation for each of the four identified problems. [[CO6](Understand/IOCQ)]
- (4 + 8) = 12**
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Cognition Level	LOCQ	IOCQ	HOCQ
Percentage distribution	35.42	43.75	20.83

Course Outcome (CO):

After the completion of the course students will be able to

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 organisations.
4. Implement the principles governing work ethics.
5. Develop strategies to implement the principles of sustainable model of development.
6. Implement ecological ethics whatever relevant and also develop eco-friendly technology.

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