

**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 any 5 (five) from Group B to E, taking at least one 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) Which one of the following is not related to the concept of Technology Transfer?  
(a) Horizontal (b) Vertical  
(c) Applied Research (d) Radial.
- (ii) \_\_\_\_\_ remain in an unchanged form in the environment for a long time such as pesticides, rubber, heavy metals etc.  
(a) Non-degradable pollutants (b) Effluents  
(c) Pollution (d) Biodegradable pollutants.
- (iii) \_\_\_\_\_ is the phenomenon of the removal of forests to use the cleared land for agriculture.  
(a) Erosion (b) Desertification  
(c) Afforestation (d) Deforestation.
- (iv) Your pleasure and strong desire, according to Freud is marked by \_\_\_\_\_.  
(a) Id (b) Ego (c) Superego (d) Wish.
- (v) \_\_\_\_\_ occurs when an employee goes over the head of an immediate supervisor to report a problem to the higher-level management.  
(a) Ethical whistleblowing (b) External whistleblowing  
(c) Internal whistleblowing (d) Anonymous whistleblowing.
- (vi) \_\_\_\_\_ accidents are caused by flaws in the design.  
(a) Systemic (b) Procedural (c) Engineered (d) Voluntary.
- (vii) \_\_\_\_\_ is of the view that we have to shift towards an economy which is more labour-oriented than machine-dependent.  
(a) Carol Gilligan (b) Jeremy Bentham  
(c) E.F.Schumacher (d) J.Stuart Mill

- (viii) Biological Oxygen Demand (BOD) and Chemical Oxygen Demand (COD) are parameters related to \_\_\_\_\_ pollution.  
(a) Soil (b) Water  
(c) Air (d) Chemical.
- (ix) Your company believes in sharing some percentage of its profit for the poor people in the society. This concept is related to \_\_\_\_\_ of an organisation.  
(a) Advertisement strategy (b) Profit making  
(c) Corporate Social Responsibility (d) Tax saving.
- (x) Your company policies are harming people and environment by their practices. But you want to save people and environment by going against the company. Out of the following which step will you follow?  
(a) Whistleblowing (b) Ethics of Care  
(c) Sustainable Development (d) Values.

### **Group - B**

2. Write short notes on **any two** of the following:

- (i) Integrated personality
- (ii) Role of Spiritual Values
- (iii) Value Crisis in Contemporary society
- (iv) Meaning of Good Life.

**6 + 6 = 12**

3. Amrit and Yakoob were part of a group of migrant workers travelling from Gujarat to Uttar Pradesh in a truck. Both had lost jobs at a garment factory in Surat. They paid 4,000 rupees for standing space in the back of a truck bound for Indore. Unfortunately, Amrit fell sick during the journey and as a result, he was de-boarded from the truck. His friend, Yakoob was the only one from the group, who decided to stay behind him. Although Amrit was taken to Shivpuri district hospital, he was already dead. Yakoob is one of the many extraordinary expressions of humanity and love during this coronavirus crisis.

- (i) What do you understand by the term 'values'? What type of values did Yakoob exhibit in the above case study?
- (ii) Write down your top values and ask yourself, "If I could satisfy any two of these which two would I choose?" Why?

**(2 + 4) + (3 + 3) = 12**

### **Group - C**

4. Case Study: Violation by Company X

Company X is a pesticide plant located in a densely populated region. The effluents are discharged in the only river of the locality used by local people. Together the company cheats on tax payment and does not provide even basic amenities and salary to employees. Answer the following:

- (i) Give three instances from the above case how the company violates its responsibility towards society and environment?

- (ii) Design three laws you would frame to stop future companies from misusing their responsibility.

**(6 + 6) = 12**

5. (a) Elucidate 'consequentialist theory' with suitable example.  
(b) Define Code of Ethics. Mention at least four code of ethics that every member of a profession expects every other member to follow.

**6 + (2 + 4) = 12**

### **Group - D**

6. In an open cast mine, two workmen of a contractor were working on a screen assembly at a height of 9.5m from the ground level without being secured by a safety belt. During replacement of the screen assembly, one workman lost balance due to slight jerk in the screen assembly, fell and received serious injuries to which he succumbed at the end, and another person escaped unhurt.

(i) Write a short note on the concept of safety in factories with reference to the above case study.

(ii) Based on the above situation, identify the nature of accident. Mention at least four workplace rights of an employee in terms of industrial safety.

**6 + (2 + 4) = 12**

7. (a) What is Industrialization? State your views on how the man-machine interaction is changing with the onset of COVID-19 in work-from-home scenario?

(b) Industrialization leads to exploitation of resources and pollution. Explain.

**(2 + 4) + 6 = 12**

### **Group - E**

8. (a) What is Environment? Deforestation and desertification are examples of which type of pollution?

(b) Identify and justify two possible barriers in implementing Eco-friendly Technology considering the history of industrialization.

**(2 + 4) + 6 = 12**

9. Solar Power projects are being encouraged by the Ministry of New and Renewable Energy. The latest trend is to harness the energy, locally. The Government has sanctioned projects which will aim at building small power plants which will harness solar energy with the help of solar photovoltaic cells (SPV plants).

(i) Define renewable energy. Mention at least four renewable sources of energy.

(ii) Why is the world gearing up towards harnessing 'new and renewable energy'? Discuss in detail.

**(2 + 4) + 6 = 12**

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