

GURU NANAK INSTITUTE OF TECHNOLOGY
An Autonomous Institute under MAKAUT
2022
VALUES & ETHICS IN PROFESSION
HU 401

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)**Answer any **ten** from the following, choosing the correct alternative of each question: 10×1=10

		Marks	CO No
1.	(i) Engineers as professionals command a special status in the society because a) they are the most skilled people b) due to their technical expertise they get high salaries c) people consider them as Potential Creators of good society & good life d) they are morally and ethically superior to others	1	CO1
	(ii) Technology as such does not a) upgrade new knowledge b) apply new knowledge c) require new knowledge d) create new knowledge	1	CO1
	(iii) What do we mean by Corporate Social Responsibility? a) The responsibility of an organisation to use its resources solely to increase profits b) The responsibility of an organisation to fulfil its economic, social and environmental obligations to all of its stakeholders c) The responsibility of an organisation to donate any excess profits to charities and community organisations d) The responsibility of an organisation to protect the environment at all costs	1	CO3
	(iv) Which of these is a form of renewable energy? a) Solar energy b) Petroleum c) Coal d) Natural Gas	1	CO5
	(v) What are Organisational Values? a) Rules imposed by the Management Team b) Beliefs or guiding principles that are core to the rganisation and help steer the right actions c) The collective value of the organisation's assets d) A statement setting out the organisation's strategy	1	CO2

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| (vi) | _____ is the act of drawing public attention, or the attention of an authority figure, to perceived wrongdoing, misconduct, unethical activity within organizations
a) Whistle blowing
b) Insider trading
c) Bandwagon effect
d) Passing the buck | 1 | CO3 |
| (vii) | Which of these is an ethical issue an engineer may face in the workplace?
a) Relationship with clients
b) Relationship with competitors
c) Conflict of interest
d) All of these | 1 | CO3 |
| (viii) | Application of science, technology and engineering has made mankind
a) a civilized and sociable person
b) uncivilised person
c) unsociable person
d) fall prey to foreignness | 1 | CO4 |
| (ix) | Which one of the following is eco friendly?
a) Atomic energy
b) Coal energy
c) Wind energy
d) Oil energy | 1 | CO5 |
| (x) | Human values do not include
a) Contentment
b) Greed
c) Compassion
d) Love | 1 | CO2 |
| (xi) | What do we mean by ethics?
a) Moral judgements
b) Determinants of what is right or wrong
c) Rules or standards governing a profession
d) Elements of all of the above | 1 | CO1 |
| (xii) | Values & ethics shape the
a) Corporate Culture
b) Corporate Unity
c) Corporate Discipline
d) Corporate Differences | 1 | CO1 |

GROUP – B**(Short Answer Type Questions)**Answer any *three* from the following: 3×5=15

- | | | Marks | CO No |
|----|--|-------|-------|
| 2. | What are the conflicts generally observed between business demand and professional ideals? | 5 | CO3 |
| 3. | What is Sustainable Development? Explain. | 5 | CO5 |
| 4. | What is Value Spectrum? Explain. | 5 | CO1 |

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| 5. | Mention some major ethical issues in Science & Technology. | 5 | CO5 |
| 6. | What is Technology Transfer? Explain with example. | 5 | CO4 |

GROUP – C**(Long Answer Type Questions)**Answer any *three* from the following: $3 \times 15 = 45$

- | | | Marks | CO No. |
|-----|--|---------------|---------------|
| 7. | What is eco-friendly technology?
Explain with suitable examples. | 2
7 | CO3
CO2 |
| | What steps, according to you, should India take to promote eco-friendly technology and products? | 6 | CO2 |
| 8. | (a) Is greed wholly a vice or a trait of character that has both positive and negative sides? Explain your view with reasoning. | 8 | CO5 |
| | (b) What are the Professional Code of Ethics? | 7 | CO3 |
| 9. | (a) What are the ethical issues regarding Industrial Safety Regulations? | 5 | CO4 |
| | (b) Pawan is pursuing MBA and shares a room with you in the private hostel. He desperately needs a job after completing his course because of educational loan and weak economic background. In his last two semesters, he couldn't secure good grades due to serious illness. In current semester he has to secure good marks at any cost to satisfy minimum criteria for placements.
Few days before the final semester exam, he comes to you and asks for money. He is stressed and nervous. He tells you about his plan to purchase semester papers to clear the exam and convinces you for the same by giving reference to his bad health, family status and his education loan. In such circumstances, would it be right to lend money to him?
(a) Identify the moral dilemma faced by you.
(b) Analyse your role and duties as a friend, also suggest your course of action. | 10 | CO1 |
| 10. | (a) What is CSR? Explain. | 8 | CO1 |
| | (b) Define and explain Renewable and Non-Renewable Energy resources with suitable examples. | 7 | CO2 |
| 11. | Write short notes on <i>any three</i> : | 3x5=15 | |
| | (a) Factors of a safe & healthy working environment | 5 | CO3 |
| | (b) Ethical issues in Man-Machine interaction | 5 | CO5 |
| | (c) Values vs Ethics | 5 | CO3 |
| | (d) Rights & responsibilities of an Engineer. | 5 | CO4 |
| | (e) Value Crisis | 5 | CO1 |