

GURU NANAK INSTITUTE OF TECHNOLOGY
An Autonomous Institute under MAKAUT
2021
VALUES & ETHICS IN PROFESSION
HU802

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) Resource depletion is concerned with a) Finite and non renewable resources. b) Infinite and renewable resources. c) Infinite and non- renewable resources d) Finite and renewable resources.	1	CO5
	(ii) Human values do not include a) Contentment b) Vindictiveness c) Compassion d) Love	1	CO1,2
	(iii) Corporate Social Responsibilities (CSR) is similar to a) Social Ethics b) Charity c) Sustainable Business d) Sustainable Ethics	1	CO2,3
	(iv) Which of these is NOT a form of renewable energy? a) Wind energy b) Fossil fuel c) Water energy d) Bio fuels	1	CO5
	(v) Corporate values do not support a) Life time employment b) Sole profit motive c) Devotion to customers d) Customer relation	1	CO1,2
	(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	CO2,3

(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	CO1,2
(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	CO3,4
(ix)	Which one of the following is environment friendly? a) Atomic energy b) Coal energy c) Wind energy d) Oil energy.	1	CO 5
(x)	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	CO2
(xi)	Technology as such does not a) upgrade new knowledge b) apply new knowledge c) require new knowledge d) create new knowledge	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.	Explain Whistle blowing with a suitable example.	5	CO3,4
3.	Explain in brief your idea about the challenges to sustainable development	5	CO5
4.	What kind of conflicts may arise between business demands and professional ideals in an organization?	5	CO2,3
5.	Discuss the issue of environmental ethics as may be relevant for a Chief engineer of a plant.	5	CO4,5
6.	What is Technology Transfer? Explain with example.	5	CO4

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

		Marks	CO No.
7.	What is eco-friendly technology? Explain with suitable examples. What steps, according to you, should India take to promote eco-friendly technology and products?	15	CO 3,5
8.	(a) Define and explain Renewable and Non-Renewable Energy resources with suitable examples.	8	CO5
	(b) Discuss the future potential of renewable sources of energy in India.	7	CO5
9.	(a) An undergraduate course required for graduation has a reputation for being extremely hard to pass, much harder than similar courses. When posting materials to the class website, the teacher accidentally posts a test with answers indicated at the end. The teacher notices the error immediately and deletes the test, but before she does so a student downloads the test. The website does not allow the teacher to see whether the test was downloaded, and because she deleted the test with the answers so quickly, the teacher later uploaded the same test without the answers and required students to take the test. The Student Code of Ethics prohibits students from taking a test when there is reason for them to believe they have confidential information regarding the answers to a test they are not supposed to have. Violations of the Student Code of Ethics are punishable.	8	CO1,2
	(b) What are the value crises prevailing in modern society according to you?	7	CO1
10.	(a) Is greed wholly a vice or a trait of character that has both positive and negative sides? Discuss with reasoning.	8	CO1
	(b) What are the major features in the professional code of ethics?	7	CO2,3
11.	Write short notes on <i>any three</i> :	3x5=15	
	(a) Factors of a safe & healthy working environment	5	CO5
	(b) Problems in Man-Machine interaction	5	CO4
	(c) Problems faced by human operators in industries	5	CO4
	(d) Rights & responsibilities of an Engineer.	5	CO3
	(e) Value Spectrum	5	CO1