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	(	CS/B	.Tech/AUE/M	E/PE/SEM	1-7/HU-701/	2012-13				
2012										
	E	THI	CS IN ENGIN	EERING	<b>PROFESSIO</b>	ON				
Tim	e Allo	otted	: 3 Hours		Full Marks: 70					
		Th	e figures in the n	nargin indica	ate full marks.					
Ca	andid	ates a	are required to gi as fa	ive their ansv ar as practica		n words				
GROUP – A										
	( Multiple Choice Type Questions )									
1.	1. Choose the correct alternatives for the following : $10\times 1 = 10 \label{eq:correct}$									
	i) Limits to growth was written by									
		a)	F.W. Taylor	b)	Abraham Mas	slow				
		c)	Meadows	d)	none of these	·.				
	ii)		German Blue	G						
Scheme ( Eco Mark ) covered products.										
		a)	2000	b)	3000					
		c)	4000	d)	none of these	) <b>.</b>				

[ Turn over

CS/B.Tee	ch/A	UE/ME/PE/SEM-7/HU	J- <b>701</b>	/2012-13				
iii)	The word 'ethics' comes from							
	a)	Ethos	b)	Eternal				
	c)	Egalitarian	d)	Elementary.				
iv)	The	name which is associated with Water gate scandal						
	in U	JSA is						
	a)	Washington	b)	Ronald Regan				
	c)	Richard Nixon	d)	None of these.				
v)	The	The term 'ecocentrism' refers to						
	a)	the life centred approach						
	<b>b</b> )	eco-system centred approach						
	c)	the human centred approach.						
vi)	Whi	Which of the following is not eco-friendly technology?						
	a)	Solar technology	<b>b</b> )	Bi-cycles				
	c)	Motor vehicles	d)	Bio-gas.				
vii)	vii) 'The Club of Rome' was founded in							
	a)	1972	b)	1968				
	c)	2008	d)	2012.				
viii)	The	ne full form of CFC is						
	a)	cloro-fluoro carbon						
	<b>b</b> )	clorin fluoric carbon						
	c)	none of these.						

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- ix) The renewable sources of energies are
  - a) solar, biogas, wind energy
  - b) coal
  - c) petroleum.
- x) 'National Environment Policy was enacted in the year
  - a) 2002

b) 2003

c) 2004

d) 2005.

## **GROUP - B** (Short Answer Type Questions)

Answer any three of the following.

 $3 \times 5 = 15$ 

- 2. What do you mean by the profession? What are the ethical issues in Engineering profession?
- 3. What is Whistle Blowing ? How Whistle Blowing would be handled by employers section ?
- 4. What is Club of Rome ? Do you think its forecast was justifiable in modern perspective ?
- 5. What is sustainable development? State the main objectives of sustainable development.
- 6. What do you mean by energy crisis faced by the world to-day? How can it be solved? Explain with proper examples.

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## GROUP - C (Long Answer Type Questions)

Answer any *three* of the following.  $3 \times 15 = 4$ .

- 7. How is technology assessment related with technology transfer? What do you mean by appropriate technology & the ways of acquiring right type of technology? 7 + 8
- 8. a) How do you explain the "Nuclear threat" to the world that emerges from the arms race?
  - b) Suggest suitable solutions for resolving various conflicts between business demands & professional ideals. 9 + 6
- 9. What is the values sepctrum of a good life? Suggest how we can develop some important dimensions of life. 7 + 8
- 10. What is "Corporate social responsibility" ? How can a company provide to the society through' proper implementation of Corporate social responsibility ? Give some examples. 2 + 10 + 3
- 11. Describe the salient features of the philosophy propounded by Lewis Mumford about the nature of technology growth.State his views on British Industrial Revolution. 8 + 7