SET-
ESE- (Sem-III)

KOLHAPUR INSTITUTE OF TECHNOLOGY'S, COLLEGE OF ENGINEERING (AUTONOMOUS), KOLHAPUR

(AFFILIATED TO SHIVAJI UNIVERSITY, KOLHAPUR)

Second Year B.Tech. (Branch)

END SEMESTER EXAMINATION, NOVEMBER 2018

COURSE NAME (COURSE CODE)

Day and Date: …….day, …/…/2018

Time: ----- to ------

PRN No. :

Max. Marks- 100

Instructions:

IMP: Verify that you have received question paper with correct course, code, branch etc.

i) All questions are compulsory.

ii) Figure to the right indicate full marks.

iii) Assume suitable data wherever necessary.

		Marks	CO's	Blooms Level
Q.1	**Multiple Choice Questions**	**40**		
1	Good example of renew able energy resource	**2M**		
	a) Oil b) Coal c) Hydropower d) All the above			
2	The basic element in fossil fuels is			
	a) Oxygen b) Carbon c) Sulphur d) Phosphorus			
3	Hydro electricity is generated from			
	a) Forests b) Coal plants c) Lakes and ponds d) Water reservoir of river dams			
4	Cow dung can be used			
	a) as manure b) for production of biogas c) both (a) and (b) d) none of these			
5	Recycled water can be used for			
	a) Crop irrigation b) Landscape gardening c) Replenishing fast depleting aquifers d) All of these			
6	_____ is the best environmental clean alternative fuel.			
	a) CNG b) Coal c) Petrol d) Diesel			
7	Identify the non-renewable sources of energy from the following			

	a) Coal b) Fuel cells c) Wind power d) Wave power			
8	Noise pollution means			
	a) Loud sound b) Unwanted sound c) High frequency sound d) Environmental pollution			
9	Which of the following is a natural source of environmental pollution?			
	a) Earthquake b) Automobiles c) Industries d) Sewage			
10	Which of the following is a natural source of Air pollution?			
	a) Storms b) Acid rain c) Precipitation d) Volcanic eruptions			
11	In a food chain humans are			
	a) Producers b) Primary consumers c) Secondary consumers d) Primary and secondary consumers			
12	Word "Environment" is derived from			
	a) Italy b) French c) German d) English			
13	The science that deals with the relationship of various organisms with their environment is known as			
	a) anthropology b) economics c) ecology d) geology			
14	Smog is combination of			
	a) Smoke and snow b) Snow and fog c) Smoke and fog d) All the above			
15	The adverse effect of modern agriculture is			
	a) Soil pollution b) Water pollution c) Wastes logging d) All of these			
16	Energy obtained from the Earth's hot interior is called the			
	a) Geo-Thermal energy b) Thermal energy			

	c) Biomass energy d) None of these			
17	Percentage of nitrogen in earth's atmosphere is			
	a) 12% b) 21% c) 78% d) 98%			
18	'World Environmental Day' is celebrated every year on:			
	a) 5th May b) 5th June c) 5th July d) 18th July			
19	Eutrophication means			
	a) Water purification b) Neutralization of waste water c) Waste water Treatment process d) Enrichment of plant nutrients in water bodies			
20	An animal that feeds upon another animal is			
	a) producer b) consumer c) decomposer d) predator			
Q.2	**Attempt any one.**	**10**		
	Discuss the environmental effects of overuse of fertilizers and pesticides		CO2	
	OR			
	Give salient features of water (prevention and control of pollution) Act, 1974 of India		CO3	
Q.3	**Attempt any one.**	**10**		
	Write scope and importance of environmental studies.		CO1	
	OR			
	What are natural resources? Give types of natural resources and discuss forest resources as a natural resource.		CO1	
Q.4	**Attempt any one.**	**10**		
	Give sources, effects and control of water pollution		CO2	
	OR			
	Give salient features of wild life protection act.		CO4	
Q.5	**Write short note on any five:**	**30**		
i)	Global warming			
ii)	Acid rain			
iii)	Urban problems related to energy			
iv)	Ozone layer depletion		CO3	
v)	Disaster management of earthquake		CO2	
vi)	Population growth and human health		CO3	
vii)	Concept of an ecosystem			