

MULTIPLE CHOICE QUESTIONS OF ENVIRONMENTAL STUDIES (2110007)

1	Most stable ecosystem is	
	(a) Forest	(b) Desert
	(c) Ocean	(d) Mountain
2	Which of the following statement about the forest is not correct	
	(a) Forest reduces soil erosion	(b) Provides recreational opportunities
	(c) Provides economic development	(d) None of the above
3	Study of trends in human population growth and prediction of future growth is called	
	(a) Demography	(b) Biography
	(c) paleography	(d) psychology
4	Which of the following is not a method of water conservation	
	(a) rain water harvesting	(b) ground water extraction
	(c) improving irrigation efficiency	(d) avoiding water wastage
5	Formation of ozone is	
	(a) oxidation reaction	(b) oxidation reaction
	(c) photochemical reaction	(d) photochemical reaction
6	The drop in air temperature at a rate of 6.5° C per 1000 m increase in altitude of troposphere is known as	
	(a) Environmental lapse rate	(b) Environmental degradation
	(c) Green house effect	(d) Global warming
7	Zone consisting air, water and soil is known as	
	(a) Hydrosphere	(b) Atmosphere
	(c) Lithosphere	(d) Biosphere
8	Word oikos means _____ and logos means _____	
	(a) Houses and study of	(b) Study and houses
	(c) Only houses	(d) Study of people
9	Nitrogen gets oxidized into	
	(a) Nitrates and ammonia	(b) Ammonia and urea
	(c) Urea and nitrite	(d) Nitrates and nitrites
10	Earthworms and bacteria are called	
	(a) Producers	(b) Consumers
	(c) Decomposers	(a) None of these
11	Region where fresh water meets salt water is called	
	(a) Sea	(b) Lake
	(c) River	(d) Estuarine
12	The Ecological pyramid that is always upright	
	(a) Pyramid of energy	(b) Pyramid of biomass
	(c) Pyramid of number	(d) None of these
13	Atmospheric ozone layer which protect us from UV-B & C is getting depleted most by addition of-	
	(a) Chloro flurocarbon	(b) Carbon monooxide

	(c) Carbon dioxide	(d) Sulphur dioxide
14	5 th June is observed as	
	(a) World forest day	(b) World environment day
	(c) World wildlife day	(d) World population day
15	21 st March is observed as	
	(a) World forest day	(b) World environment day
	(c) World wildlife day	(d) World population day
16	Noise is measured using sound meter and the unit is	
	(a) Hertz	(b) Decibel
	(c) Joule	(d) Sound
17	Important abiotic factors in ecosystems include which of the following?	
	(a) temperature	(b) water
	(c) wind	(d) all of the above
18	The term Environment is derived from an old French word "enviro" means	
	(a) Outside	(b) Surroundings
	(c) Inside	(d) Biotic community
19	Hydrosphere includes	
	(a) Animals	(b) Soil
	(c) Plants	(d) Water bodies
20	Atmosphere may extend to a height of about following kms above the earth surface	
	(a) 80 km	(b) 8000 km
	(c) 800 km	(d) 8 km
21	The layers of atmosphere consist of	
	(a) Troposphere, Stratosphere, Mesosphere and Thermosphere	(b) Hydrosphere and biosphere
	(c) Lithosphere and Hydrosphere	(d) Biosphere and Hydrosphere
22	Lowest layer of atmosphere is called	
	(a) Thermosphere	(b) Stratosphere
	(c) Troposphere	(d) Mesosphere
23	The layer of atmosphere containing much of ozone gas is	
	(a) Thermosphere	(b) Stratosphere
	(c) Troposphere	(d) Troposphere
24	The layer which provides ideal site for flying of jet planes is	
	(a) Thermosphere	(b) Stratosphere
	(c) Mesosphere	(d) Troposphere
25	The three major living components of an ecosystem are	
	(a) Producers, consumers and Decomposers	(b) Producers, Autotrophs and Decomposers
	(c) Heterotrophs, Consumers and Reducers	(d) Detritivores, Consumers and Phototrophs
26	The green plants are also called	
	(a) Producers	(b) Consumers
	(c) Reducers	(d) Detritivores
27	Example of omnivores is	

	(a) Lion	(b) Hawk
	(c) Human	(d) Snake
28	The most important organisms of an ecosystem are	
	(a) Herbivores	(b) Producers
	(c) Carnivores	(d) Protozon
29	Consumers are also called	
	(a) Photoautotrophs	(b) Saprotrophs
	(c) Heterotrophs	(d) Reducers
30	Sequence of eating and being eaten in a ecosystem is called	
	(a) Food web	(b) Natural cycle
	(c) Ecological Pyramid	(d) Food chain
31	Detritus food chain starts from	
	(a) Green plants	(b) Grass
	(c) Dead organic matter	(d) Phytoplankton
32	Nutrients are recycled in ecosystem by	
	(a) Biogeochemical cycle	(b) Energy flow
	(c) Producers	(d) Consumers
33	The flow of energy is,	
	(a) Oneway	(b) Cyclic
	(c) Linear and oneway	(d) None of these
34	Food chain always starts with	
	(a) Respiration	(b) Transpiration
	(c) Nitrogen fixation	(d) Photosynthesis
35	The ecological pyramid always starts with the following at the base	
	(a) Decomposer	(b) Producer
	(c) Consumer	(d) None of these
36	Conversion of ammonia to nitrite and then nitrate is called	
	(a) Nitrogen fixation	(b) De nitrification
	(c) Nitrification	(d) Ammonification
37	The loss of water from plants and tree leaves is called	
	(a) Precipitation	(b) Respiration
	(c) Evaporation	(d) Transpiration
38	Deforestation generally decreases	
	(a) Rainfall	(b) Soil erosion
	(c) Draught	(d) Global warming
39	Chipko movement was started to conserve	
	(a) Forests	(b) Grasslands
	(c) Deserts	(d) Soil
40	The subsurface sources of water is	
	(a) River	(b) Dug well
	(c) Stream	(d) Ocean
41	Afforestation is necessary for	
	(a) Soil conservation	(b) Soil erosion
	(c) Well control	(d) Low humidity
42	Air pollution is caused by	

	(a) Insecticides	(b) Sewage
	(c) Smoke	(d) Loud speakers
43	71% of earth surface is covered with:	
	(a) land	(b) air
	(c) water	(d) coal
44	Major cause of increment in population growth	
	(a) decrease in birth rate	(b) decrease in mortality rate
	(c) illiteracy	(d) none of the above
45	The sudden increase in the population of the species is	
	(a) population growth	(b) population explosion
	(c) over population	(d) all above
46	According to Thomas Malthus human population increase in	
	(a) arithmetic ratio	(b) geometric ratio
	(c) exponension ratio	(d) all above
47	Eutrophication means	
	(a) thermal change in water	(b) filling up of water body with aquatic due to extra nourishment
	(c) solid waste	(d) none of the above
48	The main components of photochemical smog is	
	(a) water vapour	(b) sulphur dioxide
	(c) oxides of nitrogen	(d) all of the above
49	The TAJ MAHAL at AGRA may be damaged by	
	(a) sulphur dioxide	(b) chlorine
	(c) hydrogen	(d) oxygen
50	The concentration of which gas is highest in our environment?	
	(a) Oxygen	(b) Hydrogen
	(c) Nitrogen	(d) Carbon dioxide