Time: 2:00 hours

Maximum Marks :50

Note: Attempt Questions from all sections :A,B,C

SECTION A: Objective type questions. Attempt all   (Marks:30x0.5=15)

Q1. Which of the following would be natural pollution?
(a) Forest fires
(b) Eutrophication
(c) Occurrence of smog
(d) Occurrence of NO_2 in the atmosphere

Q2. The soil pollutants that affect the food chain and food web by killing microorganisms and plants are
(a) Pathogens
(b) Chemical fertilizers
(c) Agricultural waste
(d) Pesticides

Q3. The forest which are regarded as the most valuable as far as the conservation of forest and wildlife resources are concerned are called:

a) Protected forests b) Unclassed forests c) Reserved forests d) Private forests

Q4.. The type of forests grown in the Himalayan mountain region is called:

a) Broad-leaved forests b) Coniferous forests c) Deciduous forests d) None of the above

Q5. Which of the following is not a reason for the forest loss?

a) Increasing use of wood b) Extinction of species c) Extensive use of fuel woods d) Mining and building dams

Q6. Rooftop rainwater harvesting is a technique to recharge

a) ground water b) river water c) lake water d) sea water

Q7. Which of the following energy resources is renewable?

a)   Coal. b) Hydroelectric power. c) Natural gas. d) Petroleum.

Q8. Deforestation may reduce the chances of

a) frequent landslides b) erosion of surface soil c) rainfall d) frequent cyclones

Q9. Minamata disease is caused by

a)cadmium b) mercury c) iron d) zinc

Q10. A pollutant is any substance, chemical or other factor that changes.
(a) Natural geochemical cycles
(b) Natural balance of our environment
(c) Natural flora of a place
(d) The natural wild life of a region

Q11. Effect of pollution first marked on
(a) Micro-organisms
(b) Green vegetation of an area
(c) Food crop
(d) None of these

Q12. The term "Bio-magnification" refers to the
(a) Growth of an organism due to food consumption
(b) Increase in population size
(c) Blowing up of environmental issues by man
(d) Increase in the concentration of non-degradable pollutants as they pass through the food chain

Q13. The presence of ozone (O_3) in the atmosphere of earth
(a) Hinders higher rate of photosynthesis
(b) Helps in checking the penetration of ultraviolet rays on earth
(c) Has been responsible for increasing the average global temperature in recent years.
(d) It is advantageous since it supplies O_2 for people traveling on jets.

Q14. Which of the following do you think has the least impact of climate change in forests?

a)Change in quality and quantity of wood supply

b) Loss of biodiversity

c) Loss of forest based employment

d) Altered forest productivity

Q15.Which of the following fuels causes minimum environmental pollution?

a. Coal   b. hydrogen   c. diesel   d. kerosene

Q16. The first recognized Biosphere Reserve in India is –
a)Manas b) nilgiri c) nokrek d) sunderban

Q17.One of the best solutions to get rid of non-biodegradable wastes is
a)Burying b) burning c) dumping d) recycling

Q18. Acid rain is caused by:

a)   Nitrogen oxide and chlorine b) Carbon dioxide and water vapour
b)   Carbon monoxide and sulphur di oxide d). Nitrogen oxide and sulphur dioxide

Q19.In India a major cause of large scale displacement of people is –

a)forest fire b) development project (such dams) c) earth quakes d) war

Q20. First recognized National Park in India is –
a)Rajaji b) Corbett c) Kaziranga d) Nokrek

Q21.Green House Effect' means

a)cultivation of crops in green house to conserve heat

b)trapping of solar energy due to carbon dioxide gases

c)trapping of solar energy by earth upper surface

d)increase of heat due to atmospheric pollution

Q22.The World Environment day is celebrated on

a)December 1 b) april 22 c) june 5 d) september 16

Q23.Which of the following is the most responsible for world water crisis?
a)Dams   b) floods   c) drought   d) population growth

Q24. Which one of the following is a threat to the environment?
(a) Growing plants
(b) Growing population
(c) Growing crops
(d) Growing microorganism

Q25. Which of the following causes an outbreak of jaundice?
(a) Air pollution
(b) Water pollution
(c) Thermal pollution
(d) Soil pollution

Q26. The Taj Mahal is being affected by
(a) Noise pollution
(b) Air pollution
(c) Water pollution
(d) None of these

Q27. Noise pollution is measured in:
(a) Hertz
(b) Fathoms
(c) Nanometers
(d) Decibels

Q28. The best way to dispose plant waste is-

a)Burning   b) Composting   c) Dumping   d) Incineration

Q29. Which of the following is a disadvantage of renewable energy?

a)   High pollution   b) Available only in few places   c) High running cost   d) Unreliable supply

Q 30.. Which one of the following movement was carried out for the conservation of forests and the environment-

a)Forest movement   b) Ganaga Action Plan   c) Tehri Andolan   d) Chipko Andolan

SECTION : B -Short Answer Type Questions(150 words) Attempt all (Marks : 3x5=15)

   Q1.Differentiate them with suitable example –
   a)   Point source and non point source
   b)   Primary and secondary pollutants
   Q2. Explain them : a)Ozone layer depletion   b) Forest as a resource.
   Q3. Write note on : a)   Environmental Ethics b) Water Conservation

SECTION : C -Long Answer Type Questions (250 words) Attempt any two   (Marks : 2x10=20)

Q1.Give classification of solid wastes. Enumerate the causes and effects of solid waste pollution . Define solid waste management.

Q2.Define pollutants and its classification . What are the sources and effects of water pollution?

Q3.Define Natural resources . How will you classify them ? Explain . Discuss in detail any two alternative sources of energy .