



- 6 Most polluted city of India and world are:  
(A) Kolkata in India and Tokyo in world  
(B) Delhi in India and New York in World  
(C) Mumbai in India and Paris in World  
(D) None of these

- 7 Which of the following is not produced by motor vehicle ?  
(A) SO<sub>2</sub> (B) Hydrocarbon gases  
(C) Fly ash (D) CO

- 8 Pedology is the branch of science dealing with:  
(A) soil (B) rocks  
(C) water (D) animal

- 9 The gas in the atmosphere that can absorb the UV radiation is  
(A) O<sub>3</sub> (B) SO<sub>2</sub>  
(C) CO<sub>2</sub> (D) none

- 10 Cryopreservation of plants seed and pollen is done at a very low temperature by using-  
(A) Ice (B) Carbon tetrachloride  
(C) Liquid nitrogen (D) Ammonia

- 11 Which of the following forms of land degradation is more prevalent in India?  
(A) Desertification (B) soil erosion  
(C) landslide (D) soil subsidence

- 12 Khetri (Rajasthan) is famous for  
(A) Gold mines (B) Copper mines  
(C) Granite stone (D) Marble stone

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- 40 The energy transformation of an ecosystem is based on —  
(A) I law of thermodynamics  
(B) II law of thermodynamics  
(C) both  
(D) none

- 41 Exposure to UV radiations cause  
(A) damage to eye sight  
(B) Sun burn  
(C) cancer of skin  
(D) All of the above

- 42 NEEERI is:  
(A) National Environmental Engineering Research Institute  
(B) National Ecological and Environmental Research Institute  
(C) National Eugenics and Ecological Research Institute  
(D) National Ethnological and Ecological Research Institute

- 43 Itai-Itai, (Ouch-ouch) a bone softening disease is due to  
(A) cadmium  
(B) mercury  
(C) zinc  
(D) lead

- 44 In terrestrial ecosystem, maximum energy is present in:  
(A) T<sub>3</sub> (B) T<sub>2</sub>  
(C) T<sub>1</sub> (D) T<sub>4</sub>

- 45 The largest Tiger reserve in India is:  
(A) Indravati (MP)  
(B) Simlipal (Orissa)  
(C) Sudhwa (UP)  
(D) Nagarjuna Sagar, Hyderabad (AP)

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- 20 The concept of ecological pyramid was given by-  
 (A) Anon kerner (B) Charles Elton  
 (C) Warming (D) Mayor
- 21 Terrace farming is practiced in-  
 (A) Hills (B) plains  
 (C) desert (D) coastal areas
- 22 World forest day celebrated on  
 (A) 21 st march (B) 27th march  
 (C) 22th april (D) 5th June
- 23 Cauvery water dispute is in between  
 (A) India and Pakistan  
 (B) Punjab and Haryana  
 (C) Uttar Pradesh and Madya pradesh  
 (D) Karnataka and Taminadu
- 24 Air pollution effects are mostly found on  
 (A) leaves (B) flowers  
 (C) stems (D) roots
- 25 What is Uttarakhhand State Bird ?  
 (A) Himalayan quail (B) Himalayan monal  
 (C) Himalayan peafowl (D) none
- 26 Which will not cause air pollution  
 (A) CO<sub>2</sub> (B) CO  
 (C) H<sub>2</sub> (D) SO<sub>2</sub>
- 27 Domestic waste constitutes  
 (A) biodegradable pollutants  
 (B) non-biodegradable pollutants  
 (C) effluents  
 (D) air pollutants

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- 28 Ecological pyramid which is never inverted  
 (A) Pyramid of energy  
 (B) Pyramid of biomass  
 (C) Pyramid of numbers  
 (D) Pyramid of species richness
- 29 Which one is correct food chain  
 (A) Eagle snake grasshopper grass frog  
 (B) Frog Snake Eagle Grasshopper Grass  
 (C) Grasshopper Grass Snake Frog Eagle  
 (D) Grass Grasshopper Frog Snake Eagle
- 30 Which animal is the stead of Lord Indra  
 (A) Elephant  
 (B) Horse  
 (C) Scorpion  
 (D) Peacock
- 31 Full form of TERI is-  
 (A) Tehri environment research institute  
 (B) Tata environment research institute  
 (C) Tata energy research institute  
 (D) Tata educational research institute
- 32 Which Indian army wing has taken up the task of preserving and restoring the ecology of the country?  
 (A) BSF  
 (B) CRPF  
 (C) TASK  
 (D) None of these

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- 13 Yamuna Action plan was started in:  
 (A) Dec. 1997 (B) Dec. 1999  
 (C) Dec. 1996 (D) Dec. 2001
- 14 Energy flow in an ecosystem is:  
 (A) Unidirectional (B) Bidirectional  
 (C) Multidirectional (D) All of the above
- 15 Good urban land management consists in:  
 (A) leaving large and depressions unfilled  
 (B) creation of gardens and parks  
 (C) growing broad green belts  
 (D) All of the above
- 16 Where is Central Arid Zone Research Institute (CAZRI) located?  
 (A) Jhansi (B) Karnal  
 (C) Jodhpur (D) Jaisalmer
- 17 Tsunami is a:  
 (A) Chinese term (B) Japanese term  
 (C) Indian term (D) none of these
- 18 Death while sleeping in closed room with burning coal furnace is due to:  
 (A) CO<sub>2</sub> (B) CO  
 (C) CCl<sub>4</sub> (D) SO<sub>2</sub>
- 19 Detritus food chain in comparison to grazing food chain is:  
 (A) Generally longer (B) Generally equal  
 (C) Generally shorter (D) None of these

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- 33 Which of the following is not inexhaustible natural resources?  
 (A) Solar energy and wind power  
 (B) Minerals  
 (C) Rainfall  
 (D) Power of tides and hydropower
- 34 The natural heat of earth is called:  
 (A) abiotic energy (B) bio energy  
 (C) geothermal energy (D) geographic energy
- 35 Hot spot area refers to:  
 (A) hot climate area  
 (B) endemic species area  
 (C) endangered species area  
 (D) rare species area
- 36 Which is the state flower of Uttarakhand?  
 (A) Lotus (B) Burnas  
 (C) Bhram Kamal (D) Rose
- 37 National parks come under:  
 (A) In situ (B) Ex situ  
 (C) zoo (D) biosphere reserves
- 38 Ozone day is observed on  
 (A) Jan 30 (B) April 21  
 (C) Sept. 16 (D) Dec 25
- 39 Shannon —Wiener index gives a measure of —  
 (A) Genetic diversity (B) Species diversity  
 (C) Ecosystem diversity (D) None

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