

Topic :- Biodiversity & Conservation

- Biodiversity Act of India was passed by the Parliament in the year
a) 1996 b) 1992 c) 2002 d) 2000
- Loss of biodiversity is caused by
a) Over-population b) Urbanisation c) Industrialisation d) All of the above
- The Western Ghats have a greater amphibians diversity than the Eastern Ghats. It is an example of
a) Species diversity b) Genetic diversity c) Ecological diversity d) None of these
- Red list in India completed by
a) Botanical survey of India b) Zoological survey of India
c) Geological survey of India d) None of the above
- Which of the following is *ex situ* conservation?
a) Banning of Akhard Sikar in Similipal b) Breeding of animals in Nandan Kanha
c) Protecting migration of birds in Chilka lake d) Protecting fishing in Bhitarkanika
- In the species area relationship, 'S' represents
a) Species richness b) Slope of the line c) Specific area d) Special species
- The species listed in Red Data Book are
a) Threatened b) Endangered c) Rare d) All of these
- Excessive accumulation of organic matter in water bodies leads to
a) Decrease in species diversity b) Increase in species diversity
c) Green house effect d) No effect on species diversity
- The medicinal plant *Rauwolfia vomitoria* produces a chemical called
a) Opine b) Reserpine c) Vinblastin d) Resprione
- What is the sustainable use of resources?
a) Protected strips of the land that allows organisms to migrate from one wilderness area to another
b) A law that makes it illegal to do harm to the species that are listed as endangered or threatened
c) The ability to use natural resources in a way that helps people to protect the ecosystem

- d) The study of the methods to help protect biodiversity
11. -1°C to 13°C annual variations in the intensity and duration of temperature and 50 and 250 cm annual variation in precipitation, account for the formation of a major biome as
 a) Temperate forest b) Coniferous forest c) Tropical forest d) Grassland
12. All the following are included under *in situ* conservation except
 a) Botanical garden b) Biosphere reserve c) National park d) Sanctuary
13. Total number of all species of organisms in a given region is known as the region's
 a) Biota b) Flora c) Fauna d) Diversity
14. Indian rhinoceros are protected in
 a) Gir forest b) Kaziranga national park
 c) Bandipur national park d) Ranthambor national park
15. Simlipal is
 a) Sanctuary b) Biosphere reserve c) National park d) Zoo
16. In soil profile, humus is present in
 a) Horizon-O b) Horizon-A c) Horizon-B d) Horizon-C
17. The table below gives the population (in thousands) of ten species (A-J) in four areas (I-IV) consisting of the number of habitats given within brackets against each. Study the table answer the question which follows.

Area and Number of Habitats	Species and their Population (in thousands) in the Area									
	A	B	C	D	E	F	G	H	I	J
I (11)	2 3	1 2	0. 52	6 . 0	-	3 . 1	1 1	9.0	-	1 0. 3
II (11)	1 0. 2	-	0. 62	-	1. 5	3 . 0	-	8.2	1. 1	1 1. 2
III (13)	1 1. 3	0. 9	0. 48	2 . 4	1. 4	4 . 2	0. 8	8.4	2. 2	4. 1
IV (12)	3. 2	1 0. 2	11 .1	4 . 8	0. 4	3 . 3	0. 8	7.3	1 1. 3	2. 1

- Which area out of I to IV shows maximum species diversity?
 a) II b) III c) IV d) I
18. A species becomes prone to extinction due to
 a) Drastic environmental changes and population characteristics
 b) Large body size and large population size

- c) Drastic environmental changes and mass extinction
d) Population characteristics and pollution
19. One of the most important functions of botanical gardens is that
- a) One can observe tropical plants there b) They allow *ex situ* conservation of germplasm
c) They provide the natural habitat for wild life d) They provide a beautiful area for recreation
20. Consider the following statements.
- I. By the end of twentieth century, the forest cover in India was reduced to 19.4%.
II. National Forest Policy was implemented in the year 1988.
III. The average annual production of dry grass or hay in India is about 250 million tonnes.
IV. About 10% of the world's population lives in arid or semi-arid regions.
- a) I and II are true b) I, III and IV are not true
c) I, II and III are true d) III is not true

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