



TARGET : NEET (UG) 2024

Course : SARANSH (Youtube Live CRASH COURSE)

BIOLOGY

DPP

DAILY PRACTICE PROBLEMS

DPP NO. 1

BOTANY : BIODIVERSITY AND CONSERVATION

DPP No. : 1

- In-situ conservation refers to:
 - Conserve only endangered species
 - Conserve only extinct species
 - Protect and conserve the whole ecosystem
 - Conserve only high risk species

- Match List I with List – II

List-I	List-II
(a) Sacred groves	(i) Alien species
(b) Zoological park	(ii) Release of large quantity of oxygen
(c) Nile perch	(iii) Ex-situ conservation
(d) Amazone forest	(iv) Khasi Hills in Meghalaya

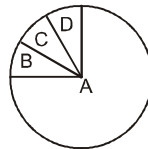
Choose the correct answer from the options given below :

 - (a) - (iv), (b) - (iii), (c) - (i), (d) - (ii)
 - (a) - (ii), (b) - [iv], (c) - (i), (d) - (iii)
 - (a) - (iv), (b) - (i), (c) - (ii), (d) - (iii)
 - (a) - (iv), (b) - (rii), (c) - (ii), (d) - (i)

- Which of the following is/are cause(s) of biodiversity losses?
 - Over-exploitation, habitat loss and fragmentation
 - Climate change only
 - Over-exploitation only
 - Habitat loss and fragmentation only

- According to Alexander Von Humboldt:
 - species richness decreases with increasing area of exploration
 - species richness increases with increasing area, but only up to limit
 - There is no relationship between species richness and area explored.
 - Species richness goes on increasing with increasing area of exploration

5. In the following in each set a conservation approach and an example of method of conservation are given
- (a) In situ conservation – Biosphere Reserve
 (b) Ex situ conservation – Sacred groves
 (c) In situ conservation – seed bank
 (d) Ex situ conservation – Cryopreservation
- Select the option with correct match of approach and method
- (1) (a) and (c) (2) (a) and (d) (3) (b) and (d) (4) (a) and (b)
6. According to Robert May, the global species diversity is about :
- (1) 20 million (2) 50 million (3) 7 million (4) 1.5 million
7. The Earth Summit held in Rio de Janeiro in 1992 was called:
- (1) for immediate steps to discontinue use of CFCs that were damaging the ozone layer.
 (2) to reduce CO₂ emissions and global warming.
 (3) for conservation of biodiversity and sustainable utilization of its benefits.
 (4) to assess threat posed to native species by invasive weed species.
8. Pollen grains can be stored for several years in liquid nitrogen having a temperature of
- (1) -120°C (2) -160°C (3) -196°C (4) - 80°C
9. Given below is the representation of the extent of global diversity of *invertebrates*. What groups the four portions (A-D) represent respectively?



Option

	A	B	C	D
(1)	Insects	Crustaceans	Other animal groups	Molluscs
(2)	Crustaceans	Insects	Molluscs	Other animal groups
(3)	Molluscs	Other animals groups	Crustaceans	Insects
(4)	Insects	Molluscs	Crustaceans	Other animal groups

10. One of the following statements is incorrect with reference to biodiversity. Identify it.
- (1) The areas with very few plant and animal species (low species richness) with no threatened species are called biodiversity hotspots.
 (2) Biodiversity increases from higher altitudes to lower altitudes.
 (3) Biodiversity decreases from the equator to polar regions
 (4) Depletion in genetic diversity of crop plants is mainly due to the introduction of better varieties with high yield, disease resistance, etc.

