

The greatest biodiversity on Earth is found in



1) Match the columns I & II and choose the correct combination from the options given

Column I **Column II**

Organism Number of species

- | | |
|------------|-------------|
| a) Beetles | 1) 20,000 |
| b) Ants | 2) 28,000 |
| c) Orchids | 3) 30,000 |
| d) Fishes | 4) 3,00,000 |

- 1) a-1,b- 3,c-2,d- 4
2) a-4,b- 2,c-1,d- 3
3) a-4,b- 1,c-2,d- 2
4) a-4,b- 1,c-1,d- 2

2) Considering that an overwhelmingly large proportion of the species are waiting to be discovered in tropics, biologists, make a statistical comparison of the temperate-tropical species richness of an exhaustively studied group of

- | | |
|-------------|------------------|
| 1) Insects | 2) Amphibians |
| 3) Molluscs | 4) Fern & allies |

3) Match the columns I & II and choose the correct combination from the options given

Column I **Column II**

Organism Number in India

- | | |
|------------|--------------------|
| a) Plants | 1) 1,000 varieties |
| b) Animals | 2) 50,000 strains |
| c) Mango | 3) 45,000 species |

- | | |
|----------------------|-------------------|
| d) Rice | 4) 90,000 species |
| 1) c-1,d- 2,a-3,b- 4 | |
| 2) b-4,c- 2,d-1,a- 3 | |
| 3) a-4,c- 1,b-3,d- 2 | |
| 4) a-4,b- 3,c-2,d- 1 | |

4) The greatest biodiversity on Earth is found in

- 1) tropical Amazonian rain forest in South Africa
2) Temperate Amazonian rain forest in North America
3) Tropical Amazonian rain forest in South America
4) Temperate Amazonian rain forest in South America

NEET Special BOTANY

5) Match the columns I & II and choose the correct combination from the options given

Column I **Column II**

Locality Number of bird species

- | | |
|-----------------------|---------|
| a) India | 1) 56 |
| b) Amazon rain forest | 2) 105 |
| c) Greenland | 3) 1200 |
| d) Colombia | 4) 1300 |

- | | |
|--------------------------|---------|
| e) New York | 5) 1400 |
| 1) d-1,c- 2,a-3,e- 4,b-5 | |
| 2) b-4,e- 2,c-1,d- 3,a-5 | |
| 3) a-4,e- 1,c-3,d- 2,b-5 | |
| 4) a-3,b- 5,c-1,d- 2,e-4 | |

6) Species - Area relationship was given by

- 1) British zoologist and geographer David Tilman
2) German botanist and geographer Alexander von Humboldt
3) German naturalist & geographer Alexander von Humboldt
4) British naturalist & geographer Alexander von Huboldt

7) The reason why should we conserve biodiversity, includes

- 1) Narrowly utilitarian
2) Broadly utilitarian
3) Ethical
4) All of the above

8) Read the following statements and find out the incorrect statement

- 1) More than 25 percent of the drugs currently sold in the marked world-wide are derived from plants
2) 25,000 species of plants contribute to traditional medicines used by native peoples around the world
3) Amazon rain forest is estimated to produce 25 percent of the total oxygen in the earth's atmosphere, through photosynthesis
4) The act of pollination comes under the broadly utilitarian

9) Bioprospecting is related to

- 1) Narrowly utilitarian
2) Broadly utilitarian
3) Ethical
4) All of the above

10) We need to realize that every species has an intrinsic value, even if it may not be of current or any economic value to us. We have a moral duty to care for their well being and pass on our biological legacy in good order to future generations. This argument is related to

- 1) Narrowly utilitarian

- 2) Broadly utilitarian
3) Ethical
4) All of the above

11) Match the columns I, II and choose the correct combination from the options given

Column I **Column II**

Conservation technique Number in India

- | | |
|-------------------------|--------|
| a) Hotspots | 1) 34 |
| b) National parks | 2) 90 |
| c) Wildlife sanctuaries | 3) 14 |
| d) Biosphere reserves | 4) 448 |

- 1) a-1,b- 2,c-3,d- 4
2) a-1,b- 2,d-3,c- 4,
3) e-1,c- 2,b-3,d- 4
4) e-1,b- 2,d-3,c- 4

12) When there are situations where an animal or plant is endangered or threatened and needs urgent measures to save it from extinction, which is the desirable approach?

- 1) In situ (on site) conservation
2) Ex site (off site) conservation
3) In vivo conservation
4) In vitro conservation

13) In many cultures, tracts of forest were set aside, and all the trees and wildlife within were venerated and given total protection. These regions are called

- 1) Biodiversity hotspots
2) Wildlife sanctuaries
3) Wildlife safari parks
4) Sacred groves

14) Which of the following are in situ conservation methods?

- a. Biosphere reserves
b. Hotspots
c. National parks
d. Sacred groves
e. Wildlife sanctuaries

- 1) a, b & c 2) a, c & e
3) a, b, c & e 4) a, b, c, d & e

Answers

- | | | | | |
|------|------|------|------|------|
| 1)4 | 2)1 | 3)1 | 4)1 | 5) 4 |
| 6)3 | 7)4 | 8)3 | 9)1 | 10)3 |
| 11)4 | 12)2 | 13)4 | 14)4 | |

Scholarships

Chancellor's Scholarship for International Students

Scholarship Name : Chancellor's Scholarship for International Students 2020, Canada

Description: University of Ottawa, Canada has launched this scholarship for the international Students commencing undergraduate studies at the university. This scholarship aims to recognize the outstanding newly admitted students and provide them with financial benefits.

Eligibility: Indian full-time undergraduate students who hold a student visa and have obtained a minimum admission average of 92% or equivalent, can apply for this scholarship.

Prizes & Rewards: Selected students will get CAD 6,500 per year for up to 4 years and one-time award of CAD 1,500 to the applicants in the second, third and fourth place.

Last Date to Apply: 30-04-2020

Application mode: Apply online

Short Url: www.b4s.in/nava/CSF2

Future Matters Scholarship

Scholarship Name: Your Future Matters Scholarship 2020

Description: Fulton-Montgomery Community College, New York has launched this scholarship for international students studying in the first year of a UG programme at the college. aims to support the study of all international stu-

dents residing on campus who enrol in Fall 2020 and beyond.

Eligibility: Indian students residing in college housing at Fulton-Montgomery Community College, have a minimum cumulative GPA of 2.0 and successfully complete a minimum of 12 credits, can apply for this scholarship.

Prizes & Rewards: The selected scholars will get an annual scholarship of USD 7,000, which will be directly deducted from their fee.

Last Date to Apply: 01-03-2020

Application mode: Apply online

Short Url: www.b4s.in/nava/YFN1

International Scholarship for Women

Scholarship Name : SheBegan Internatio

nal Scholarship for Women 2020-21

Description: SheBegan, a women-based organisation has launched this scholarship for India girl students who are pursuing full-time graduate, undergraduate, or postdoctoral programs in the U.S.A. Selected candidates will get degree sponsorship and other benefits.

Eligibility: Indian female students who are studying in full-time graduate, undergraduate, or postdoctoral programs in the U.S.A, are eligible to apply.

Prizes & Rewards: Selected candidates will get degree sponsorship of up to USD 32,000, monthly stipend and other benefits.

Last Date to Apply: 20-04-2020

Application mode: Apply online

Short Url: www.b4s.in/nava/SBW1

Courtesy: www.buddy4study.com /
Call: 08448709545, 08527484563