

CPREEC – ENVIS – RP

INTERNATIONAL DAY FOR BIOLOGICAL DIVERSITY– MAY 22, 2022

ONLINE QUIZ ANSWERS

1. What is the theme of the International Day of Biological Diversity – 2022?
'Building a shared future for all life'
2. Name the agreement (effective from 2003), on Bio-safety Protocol that seeks to protect the biological diversity from the risks posed by genetically modified organisms.
Cartagena Protocol
3. What is the system used to fully compensate for biodiversity impacts associated with economic development that may result in overall biodiversity gain called?
Biodiversity Offsetting
4. Based on a study of distinctive bio-geographic characteristic features from north to south and east to west, how many Bio-geographic Zones have been identified in India?
10
5. Name the international treaty (effective from 2004) that aims at guaranteeing food security through conservation, exchange and sustainable use of the world's plant genetic resources for food and agriculture that also recognizes farmers' rights.
International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA)
6. UN IPCC warned that around _____% of all the world's species will be 'at high' risk of extinction even if global warming is capped at the Paris target of 1.5°C.
9%
7. Adaptive tracking experiment in a particular insect species showed that the pace of adaptation can match that of environmental and seasonal changes. Name the insect species in which the experiment was carried out.
Drosophila melanogaster
8. Name the critically endangered flowering plant that was recently reported to be on the verge of extinction in Behali Reserve Forest.
Chlorophytum assamicum
9. The National Green Tribunal in January 2022 directed the Government of Delhi and Haryana to restore rejuvenate and protect a trans-boundary wetland. Name the wetland.
Najafgarh Jheel
10. A White-cheeked Macaque was discovered by the Scientists from the Zoological Survey of India in January 2022, which was first discovered in 2015 in China. Name the Indian district in which it was first spotted.
Anjaw district, Arunachal Pradesh

11. State Animal Husbandry department of Sikkim in collaboration with National Bureau of Animal Genetic Resources (NBAGR) is attempting to recognize a native goat breed as a distinct breed. Name the breed.

Singharey goat

12. Name the term wherein a region's biological resources or indigenous knowledge are unethically exploited without providing fair compensation.

Biopiracy

13. What is the name of the endemic shrub, that the IFGTB, Coimbatore is striving to revive in the city, which is also the last existing ones of this kind in the planet?

Manjack shrubs

14. In 1980s, India set up its first gene sanctuary in a North Eastern state due to its microclimate and a combination of tropical and temperate seasons that supports the growth of citrus plants. Name the sanctuary.

Citrus gene Sanctuary

15. TRAFFIC and WWF-India have launched an identification tool recently to highlight threats and effective identification and protection of this bird and have issued identity cards with details of the bird for wildlife law enforcement agencies all over India. Name the bird.

Owls

16. What is the rare tree that may soon become extinct due to yellowing leaves and fungal attack and the heavy dose of fungicide, which is currently in the Indian Botanic Garden in Calcutta?

Double coconut tree (*Lodoicea maldivica*)

17. Which district in Tamil Nadu is going to house the fifth zoo over a thirty-hectare land?

Trichy

18. According to a study, which Indian city is the top most exit hub for illegal exporting of certain endangered freshwater fishes that are endemic to the Western Ghats?

Kolkata

19. Which of the following is true about Seagrass ecosystem of India?

c. Seagrass support a high diversity of fauna.

20. Which of the following is not a GSI notified National Geo-heritage Monument Fossil Park?

a. Amkhoi Fossil Park, West Bengal

21. Name the largest Biodiversity Heritage Site (by area) in India.

Patalkot, Madhya Pradesh (8367.49 ha)

22. Name any one of the proposed Biodiversity Heritage Site in Tamil Nadu.
Arittapatti hillocks (Madurai), Vagaikulam (Tirunelveli) and TNAU (Coimbatore)
23. Name the collective term for 'exploration of natural sources for small molecules / macromolecules and genetic information that could be developed into commercially valuable products for agriculture, aquaculture, bioremediation, cosmetics, pharmaceutical purposes.
Bioprospecting / Biodiversity prospecting.
24. Krishi Avam Paristhitiki Vikas Sansthan (KRAPAVIS) won the India Biodiversity Award 2021 for its 25 years of work to restore sacred community-conserved areas in Rajasthan. How are these 'conserved areas' called?
Orans
25. As of 2022, how many Biodiversity Parks are in New Delhi?
7 (Yamuna BDP (Wazirabad), Aravalli (Vasant Kunj), Kalindi (Okhla), Tughlaqabad (Tughlaqabad), Kamala Nehru (North Delhi Ridge), Tilpath Valley (South Delhi Ridge) and Neela Hauz (South Central Ridge)
26. Name the agreement that aims fair and equitable sharing of benefits arising from utilization of genetic resources, proposed as a part of Convention of Biodiversity.
Nagoya Protocol
27. What is the significant change in abundance or presence of one species resulting in change to the species composition of other species in a community called?
Domino effect or ripple effect or secondary extinction
28. What is the name of the new plant variety belonging to the coffee family spotted recently in Arunachal Pradesh, which was also thought endemic to China?
Ophiorrhiza medogensis var. shiyomiense
29. What is the name of the technique followed to improve the prey base in Mukundara Hills Tiger Reserve at Keoladeo Park?
Boma Technique (Africa).
30. With the help of citizen's group and 'Thanal' (NGO), a grama panchayat in Kerala implemented greenhouse gas mitigation, waste segregation and management and carbon sequestration through tree plantation and the village is set to become one of the first in India to become a carbon neutral village. Name it.
Meenangadi, Wayanad district