1. To qualify as a Biodiversity hotspot, a region must meet two strict criteria: it must contain at least 1,500 species of vascular plants as endemics, and (A) it has to have lost at least 70 percent of its original habitat (B) it has to have gained at least 70 percent of its original habitat (C) it has to have lost at least 30 percent of its original habitat (D) it has to have gained at least 70 percent of its original habitat

2. Name this British ecologist who defined the biodiversity hotspot concept in 1988 to address the dilemma that conservationists face: what areas are the most immediately important for conserving biodiversity? He is also known for his prominent work in – “The Environmentalist” and “HOTSPOTS – Earth’s Biologically Richest and Most Endangered Terrestrial Ecoregions”.
   (A) Ernst Mayr (B) Norman Myers (C) P.Z Myers (D) M.G. Mayer

3. Over 50 percent of the world’s plant species and 42 percent of all terrestrial vertebrate species are endemic to the combined area of the remaining habitat of Biodiversity hotspots which covers merely 2.3% of the Earth’s land surface. How many Biodiversity Hotspots are known today?
   (A) 22 (B) 32 (C) 34 (D) 24

4. Which of the following regions has the highest number of the Biological diversity hotspots in the world?
   (A) Africa (B) South America (C) North and Central America (D) Asia Pacific

5. Name this Biodiversity Hotspot which is home to the greatest non-tropical concentration of higher plant species in the world. The region is also the only hotspot that encompasses an entire floral kingdom, and holds five of South Africa’s 12 endemic plant families and 160 endemic genera.
   (A) Horn of Africa (B) Coastal forests Eastern Africa (C) Succulent Karoo (D) Cape Florisic Region

6. Guinean Forests of West Africa is the only Hotspot which hosts the homes to more than a quarter of Africa’s mammals, including more than
   (A) 5 species of primates (B) 10 species of primates (C) 20 species of primates (D) 30 species of primates.

7. This Biodiversity Hotspot is one of the most geographically complex areas on Earth, with a diverse range of islands of varying age and development. Name this Hotspot which includes some 1,600 islands.
   (A) Mountains of Southwest China (B) The East Melanesian Islands (C) New Caledonia (D) The West Melanesian Islands

8. Which Hotspot has the world’s highest mountains where vascular plants have been recorded at more than 6,000 meters?
   (A) Himalaya (B) Sundaland (C) Central Himalaya (D) Polynesia

9. Known not only for remarkable endemism in freshwater turtle species, six large mammal species have been discovered in the last 12 years from this Hotspot. Name this Hotspot.
   (A) Indo-Burma (B) Cambodia-Lao (C) Philippines (D) Thai-Lao
10. The Polynesia-Micronesia hotspot comprises of 4,500 islands and it stretches across the southern Pacific Ocean. This hotspot is considered to be the epicenter of the current global extinction. Twenty-five bird species have gone extinct here since the arrival of the Europeans.

(A) 300 years ago  (B) 200 years ago  
(C) 100 years ago  (D) 10 years ago

11. Name this Hotspot which covers the western half of the Indo-Malayan archipelago, an arc of some 17,000 equatorial islands, and is dominated by two of the largest islands in the world: Borneo (725,000 km²) and Sumatra (427,300 km²). Orangutans are found only in this Hotspot.

(A) Caucasus  (B) Indian Ocean Islands  
(C) Sundaland  (D) Sumatra

12. The flora and fauna of this Hotspot are so varied that every island in this hotspot needs secure protected areas to preserve the region’s biodiversity. The world’s largest lizard, the Komodo dragon is also found only in this Hotspot. Name the Hotspot.

(A) Southwest Australia  (B) Philippines  
(C) Japan  (D) Wallacea

13. This Hotspot houses important populations of Asian elephants, Indian tigers, and the endangered lion-tailed macaque. Name this Hotspot which is also extremely rich in endemic freshwater fish with over 140 native species.

(A) Western Ghats  (B) Eastern Ghats & Sri Lanka  
(C) Kerala & Sri Lanka  (D) Western Ghats & Sri Lanka

14. Name this Hotspot which hosts the two highly threatened species of Caucasian turs or mountain Goats. This Hotspot comprises of deserts, savannas, arid woodlands and forests.

(A) Cerrado  (B) Irano-Anatolian  
(C) Caucasus  (D) Mountains of Central Asia

15. Name this Hotspot whose flora is considered to be dramatic as its 22,500 endemic vascular plant species are more than four times the number found in all the rest of Europe.

(A) Portugal  (B) Mediterranean Basin  
(C) Mediterranean Sea  (D) Morocco

16. This Hotspot called the Mountains of Central Asia comprises of two of Asia’s major mountain ranges. The Mountains of Central Asia were known to early Persians as the

(A) “roof of the world.”  (B) “sky of the world.”  
(C) “height of the world.”  (D) “crown of the world.”

17. Name this hotspot which is most known for being the home of the giant sequoia, the planet’s largest living organism and its taller but less massive relative, the coastal redwood.

(A) California Floristic Province (B) Madrean Pine-Oak Woodlands  
(C) Puerto Rico  (D) Texas Floristic Province

Answers:


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