

**Class : XII<sup>th</sup>**

**Date :**

**Subject : BIOLOGY**  
**DPP No. : 4**

**Topic :- Biodiversity & Conservation**

- Nehru Zoological Park is situated in  
a) Vishakhapatnam      b) Hyderabad      c) Chennai      d) Mysore
- Which of the following is not done in a wildlife sanctuary?  
a) Fauna is conserved      b) Flora is conserved  
c) Soil and flora is utilized      d) Hunting is prohibited
- A keystone species is the one that  
a) Causes other species to become extinct  
b) Exerts a strong influence on an ecosystem  
c) Has a weak influence on an ecosystem  
d) Has a higher likelihood of extinction than a non-keystone species
- The reasons behind conserving biodiversity can be grouped into categories, which includes?  
I. Broadly utilitarian    II. Narrowly utilitarian  
III. No utilitarian      IV. Ethical utilitarian  
Choose the correct option  
a) I, II, III and IV      b) II, III and IV      c) I, II and IV      d) I, III and IV
- Which one is not the renewable energy of natural resources?  
a) Tidal energy      b) Wind energy      c) Fossil fuel      d) Solar energy
- Hoolock gibbon (India's only ape) is found in  
a) Kaziranga bird sanctuary      b) Hazaribagh national park  
c) Corbett national park      d) Gir national park
- The government of India in 1980s has introduced a concept to work closely with the local communities for protecting and managing forests. The concept is  
a) Forest research institutes      b) Panel of local communities for forest management  
c) Joint forest management      d) Jhum cultivation
- If we remove half of the forest cover of earth, the crisis that will occur  
a) Many species would become extinct  
b) Population, pollution and ecological imbalance will rise

- c) Energy crisis will commence  
d) The remaining forest will correct the imbalance
9. Sacred grooves in India are related with  
a) Cultural tradition  
b) It is the place where threatened species are protected  
c) It is the place where only artificial animal breeding is allowed  
d) Forest patches around the places of worship
10. Which of the following shows maximum, greater and minimum diversity?

A

Animals	Species	Members
Bird	I	1
Bird	II	1
Bird	III	4

B

Animals	Species	Members
Bird	I	2
Bird	II	2
Mammal	III	2

C

Animals	Species	Members
Bird	I	2
Mammal	II	2
Insect	III	2

- a) A-Minimum diversity, B-Greater diversity, C-Maximum diversity  
b) A-Maximum diversity, B-Greater diversity, C-Minimum diversity  
c) A-Maximum diversity, B-Maximum diversity, C-Greater diversity  
d) A-Minimum diversity, B-Maximum diversity, C-Greater diversity
11. One of the *ex situ* conservation method for endangered species is  
a) Wildlife sanctuaries    b) Biosphere reserves    c) Cryopreservation    d) National parks
12. Conservation of hot spots are best described as  
a) Islands that are experiencing high rates of extinction  
b) Areas where native species are being replaced with introduced species  
c) Areas where the people are active supporters of the biological diversity  
d) Areas with the large members of endemic species that are disappearing rapidly
13. If the Bengal tiger becomes extinct  
a) Hyenas and wolves will become scarce  
b) The wild areas will be safe for man and domestic animals

- c) Its gene pool will be lost forever  
d) The populations of beautiful animals like deers will get stabilized
14. In tropics, rate of extinction is  
a) High                      b) Moderate                      c) Low                      d) Negligible
15. The least porous soil among the following is a  
a) Loamy soil                      b) Silty soil                      c) Clayey soil                      d) Peaty soil
16. Soil conservation is a practice, in which soil  
a) Is protected from being carried away by wind and water.  
b) Is well aerated  
c) Fertility is enhanced  
d) Erosion is allowed
17. The diversity of organisms sharing the same habitat or community is termed as  
a) Gamma                      b) Delta                      c) Beta                      d) Alpha
18. The world biodiversity day is celebrated annually on  
a) 5<sup>th</sup> June                      b) 29<sup>th</sup> December                      c) 22<sup>nd</sup> April                      d) 16<sup>th</sup> September
19. Which of the following is not properly matched?  
a) Formaldehyde – Carcinogenic                      b) Sulphur dioxide – Respiratory problems  
c) Nitrogen oxide – Brown air                      d) Mean annual temperature of earth - 25°C
20. Contour farming is usually employed in  
a) Hilly areas                      b) Sandy areas                      c) Sea beaches                      d) All of these