

**Topic :- Biodiversity & Conservation**

- In which part of the biosphere reserves, human settlement is permissible?  
a) Transition zone  
b) Buffer zone  
c) Core zone  
d) Settlement not allowed
- Which of the following is the correct estimation about the numbers of national parks, biosphere and the wildlife sanctuaries of India  
a) 158,62,10  
b) 58,412,10  
c) 96,412,10  
d) 90,14,448
- Which one of the following is an example of *ex situ* conservation?  
a) Wildlife sanctuary  
b) Seed bank  
c) Sacred groves  
d) National park
- The dolphin found in Chilka lake is  
a) *Delphinus*  
b) Irrawady  
c) *Sotalia*  
d) *Tursiops*
- Communities with more species tend to be more stable than those with less species. This was confirmed by  
a) Alexander von Humboldt  
b) David Tilman  
c) Paul Ehrlich  
d) Edward Wilson
- Some of the nutrient cycles are labelled as below  
I. Sulphur cycle                      II. Phosphorus cycle  
III. Carbon cycle                      IV. Nitrogen cycle  
Of these, the sedimentary cycle is represented by  
a) I only  
b) II only  
c) III only  
d) I and II
- Wildlife is  
a) Any living organism in any habitat  
b) Predatory animals in their natural habitat  
c) Any living organisms in its natural habitat  
d) Economically important animals and plants
- Tiger is not resident in which one of the following national park?  
a) Ranthambhor  
b) Sunderbans  
c) Gir  
d) Jim Corbett
- The number of species of birds in Columbia, located near the equator is  
a) 2,400  
b) 1,400  
c) 2,000  
d) 2,500

10. Modern *ex situ* conservation includes
- |  |                                |
|--|--------------------------------|
| a) <i>In vitro fertilization</i>                         | b) Cryopreservation techniques |
| c) Plants can be propagated using tissue culture methods | d) All of the above            |
11. Core zone, buffer zone and manipulation zone are found in
- |                  |              |                  |                      |
|------------------|--------------|------------------|----------------------|
| a) National park | b) Sanctuary | c) Tiger reserve | d) Biosphere reserve |
|------------------|--------------|------------------|----------------------|
12. Silent valley is tropical evergreen forest located in
- |           |              |                |           |
|-----------|--------------|----------------|-----------|
| a) Kerala | b) Karnataka | c) Maharashtra | d) Orissa |
|-----------|--------------|----------------|-----------|
13. Which one of the following pairs of organisms are exotic species introduced in India?
- |   |   |
|---|---|
| a) <i>Ficus religiosa</i> , <i>Lantana camara</i> | b) <i>Lantana camara</i> , water hyacinth |
| c) Water hyacinth, <i>Prosopis cineraria</i>      | d) Nile perch, <i>Ficus religiosa</i>     |
14. An inexhaustible, non-conventional universal source of energy is
- |                |                 |                        |                 |
|----------------|-----------------|------------------------|-----------------|
| a) Wind energy | b) Solar energy | c) Hydrothermal energy | d) Tidal energy |
|----------------|-----------------|------------------------|-----------------|
15. Which one of the following is the first national park in India?
- |                          |                           |
|--------------------------|---------------------------|
| a) Kanha national park   | b) Periyar national park  |
| c) Corbett national park | d) Bandipur national park |
16. Which one of the following contributes to social forestry?
- |                                 |                            |
|---------------------------------|----------------------------|
| a) <i>Leucaena leucocephala</i> | b) <i>Mangifera indica</i> |
| c) <i>Jatropha</i>              | d) None of the above       |
17. What is true approximate percentage of the earth covered by hot spots?
- |         |         |                        |         |
|---------|---------|------------------------|---------|
| a) 2.5% | b) 3.5% | c) 1.5% (less than 2%) | d) 4.5% |
|---------|---------|------------------------|---------|
18. Number of wild life is continuously decreasing. What is the main reason of this?
- |                            |                            |
|----------------------------|----------------------------|
| a) Predation               | b) Cutting down of forests |
| c) Destruction of habitats | d) Hunting                 |
19. What is/are the correct explanations about higher diversity in tropical areas in comparison to the temperate areas?
- I. There are no favourable seasons in tropics  
 II. Less solar energy is available in tropics  
 III. Rate of extinction is low in tropics  
 IV. Resource availability is higher in tropics
- Choose the correct option
- |                  |                      |               |               |
|------------------|----------------------|---------------|---------------|
| a) I, III and IV | b) I, II, III and IV | c) I, II, III | d) III and IV |
|------------------|----------------------|---------------|---------------|

20. Kaziranga is famous for

a) Wild ass

b) Elephant

c) Buffallow

d) Rhinoceros

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