

# DCA CLASSES

## CLASS VIII – SCIENCE – CHAPTER 07

### CONSERVATION OF PLANTS AND ANIMALS

Name:

Date:

- Q1.** Large scale cutting of trees and clearing of forests is called:  
(a). reforestation (b). global warming (c). deforestation (d). afforestation
- Q2.** Wise and judicious use of plants and animals is called there:  
(a). recycling (b). conservation (c). reforestation (d). reconstruction
- Q3.** The largest among various protected areas is a -  
(a). national park (b). wildlife sanctuary (c). biosphere reserve (d). botanical garden
- Q4.** The biosphere consists of an extensive network of inter-connected:  
(a). forests (b). countries (c). food chains (d). ecosystems
- Q5.** The species of plants and animals which are found exclusively at a place are called:  
(a). endemic species (b). epidemic species (c). extinct species (d). endangered species
- Q6.** The first Red Data Book of animals was published in the year: -  
(a). 1975 (b). 1991 (c). 1951 (d). 1995
- Q7.** The variety of plants, animals and microbes found in a particular area is called: -  
(a). globalization (b). biodiversity (c). conservative variation (d). flora and fauna
- Q8.** Longest migration is exhibited by: -  
(a). Siberian crane (b). Sea turtle (c). Arctic tern (d). Salmon fish
- Q9.** The term biodiversity was coined for the first time by:  
(a). Wilson (b). Jim Corbett (c). William (d). Robert Hooke
- Q10.** Biotic components of an ecosystem will not include:  
(a). flora (b). fauna (c). microorganisms (d). rainfall
- Q11.** In India following hotspot of biodiversity is/are present:  
(a). Western ghats (b). Eastern Himalayas (c). Sundarbans (d). only a & b
- Q12.** A place where numerous varieties of only plants are grown:  
(a). botanical gardens (b). zoological parks (c). seed banks (d). sanctuary
- Q13.** Sariska national park is located in:  
(a). Haryana (b). Uttrakhand (c). Rajasthan (d). Gujarat
- Q14.** Group of organisms capable of interbreeding to produce offsprings:  
(a). flora (b). species (c). fauna (d). ecosystem
- Q15.** Dried and deep frozen seeds are stored for conservation in:  
(a). silos (b). botanical gardens (c). zoological parks (d). seed banks
- Q16.** Paper can be recycled:  
(a). 5 to 7 times (b). 3 to 5 times (c). only twice (d). only 2 to 4 times
- Q17.** WWF is:  
(a). world wild life (b). world wide fund (c). world wild flora (d). world wild fauna
- Q18.** Conservation means:  
(a). replacing present resources with new ones (b). not using present resources at all  
(c). both a & b (d). using resources without depleting them
- Q19.** Function of an ecosystem is/are:  
(a). transfer of energy (b). fixation of solar energy  
(c). transfer of organic matter (d). all the above

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**Q20.** In a core zone of biosphere reserve: -

- (a). limited human activity is permitted
- (b). several human activities are permitted
- (c). no human activity is permitted
- (d). only tourists are allowed

**Q01. Match the column: -**

- |                                       |                                |
|---------------------------------------|--------------------------------|
| <b>(A).</b> Protected area            | Animals maintained             |
| (a). Kanha national park              | i) Siberian crane              |
| (b). Gir sanctuary                    | ii) Indian elephant            |
| (c). Bandipur sanctuary               | iii) one horned rhinoceros     |
| (d). Kaziranga sanctuary              | iv) Lion                       |
| (e). Bharatpur sanctuary              | v) Tiger                       |
| <b>(B).</b> (a). Extinct species      | i) crocodile                   |
| (b). Endangered species               | ii) Siberian crane             |
| (c). Rare species                     | iii) Chinkara deer             |
| (d). Vulnerable species               | iv) sarpagandha                |
| (e). Migrating species                | v) Himalayan porcupine         |
| <b>(C).</b> Protected area            | State                          |
| (a). Sultanpur lake bird sanctuary    | i) karnataka                   |
| (b). Palamau national park            | ii) Kerala                     |
| (c). Kaziranga wildlife sanctuary     | iii) Madhya Pradesh            |
| (d). Bandipur national park           | iv) Haryana                    |
| (e). Periyar national park            | v) Assam                       |
| <b>(D).</b> (a). Global warming       | i) tiger reserve               |
| (b). Paper                            | ii) deforestation              |
| (c). Kanha national park              | iii) animals kept in captivity |
| (d). Nilgiri reserve                  | iv) recycling                  |
| (e). Zoological parks                 | v) first reserve in India      |
| <b>(E).</b> (a). Biodiversity hotspot | i) Chinkara                    |
| (b). Fauna of Rajasthan               | ii) pine trees                 |
| (c). Flora of Panchmarhi              | iii) Himalayas                 |
| (d). Flora of Himachal Pradesh        | iv) exotic species             |
| (e). Threat to endemic species        | v) Wild mango trees            |

**Q02. Fill in the blanks: -**

- (a). Plants found in a particular area are called \_\_\_\_\_ of that area.
- (b). All nonliving things constitute the \_\_\_\_\_ component of an ecosystem.
- (c). Red Data Book provides information on the \_\_\_\_\_ species.
- (d). Birds which fly from one habitat to another are called \_\_\_\_\_ birds.
- (e). Species that at present exist in small numbers are called \_\_\_\_\_ species.
- (g). Developing forests by planting trees in places of trees destroyed is called \_\_\_\_\_.
- (h). Animals found in a particular area are called \_\_\_\_\_ of that area.

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- (i). Biosphere reserves are developed to conserve \_\_\_\_\_.
- (j). The living beings of an ecosystem constitute its \_\_\_\_\_ component.
- (k). In a \_\_\_\_\_, grazing of animals and cultivation of crops is prohibited.
- (l). \_\_\_\_\_ is a self-sustaining functional unit of biosphere.
- (m). Paper mills convert the wood of a tree into \_\_\_\_\_.
- (n). That part of earth in which living organisms exist is called \_\_\_\_\_.
- (o). Conversion of a fertile land into barren land due to soil erosion is called \_\_\_\_\_.
- (p). Species that are on the verge of \_\_\_\_\_ are called endangered species.

### **Q03. True or false: -**

- (a). All varieties of papers can be recycled.
- (b). India is a mega biodiversity nation.
- (c). Climate determines the type of flora and fauna in a particular region.
- (d). Rapid decline of biodiversity is caused due to competition between species.
- (e). Wise and judicious cutting of trees by man results into deforestation.
- (f). Endemic species are exclusive to a state or country or geographical area.
- (g). Threat to biodiversity will not be a threat to human existence.
- (h). Forests are nicknamed as lungs of the nature.
- (i). Deforestation is caused only by man never by nature.
- (j). Biogas is a good alternative to fuelwood.

### **Q04. Define threatened species?**

### **Q05. What are endemic species? Give examples.**

### **Q06. Differentiate between the terms extinct and extinct in the wild with suitable examples?**

### **Q07. Make a list of any three threats to global biodiversity?**

### **Q08. Define migration and explain causes of bird migration through suitable examples?**

### **Q09. How is a biosphere reserve different from national park and sanctuary?**

### **Q10. What is poaching? Is it posing a threat to biodiversity?**

### **Q11. Describe the cause behind giant panda becoming an endangered species?**

### **Q12. What are the different zones allotted in a biosphere reserve and their significance?**

### **Q13. Arctic tern is called the champion of migration?**

### **Q14. Write full forms of the following:**

- (a). IUCN
- (b). WCU

### **Q15. Pick the odd word out of the following:**

- (a). India/China/Nepal/Indonesia/Columbia/Brazil.
- (b). whales, elephant, fishes, butterflies, turtles.
- (c). giant flying squirrel, lion-tailed macaque, giant panda, ganga river dolphin, Nilgiri leaf monkey.