

# SUCCESS KEY TEST SERIES

## Work Sheet

Std: 11th Science

Subject: Biology

Time: 1Hrs

Date :

## 1. Living World

Max Marks: 35

**Q.1 Select and write the most appropriate answers from given alternatives for each subquestion: 5**

- 1) If a specified geographical region, contains 20 different birds and animal species and 20 different plant species then it is known as?  
(a) Biodiversity of the region (b) Diversity of the region  
(c) Homogeneity of the region (d) Diverseness of the region
- 2) A label board present in the botanical garden provides the following information:  
(a) Common name of the plant (b) Scientific name of the plant  
(c) Both (a) & (b) (d) None of these
- 3) Which of the following human activities have lead to loss of biodiversity in the ecosystem?  
(a) Population Explosion (b) Industrial Revolution  
(c) Overexploitation of resources (d) All of these
- 4) Which of the following data cannot be obtained from a herbarium?  
(a) Variability of form in the flora  
(b) Detailed classification and identification of the flora  
(c) Change in vegetation overtime  
(d) Record of fauna's original habitat
- 5) If a person wants to finds more information and keys about identification of various species found in a particular area, then he/she should refer to:  
(a) Label (b) Herbarium (c) Manual (d) one of these

**Q.2 Answer the following in one sentences: 5**

- 1) Explain the basic principles of living organisms. OR What is meant by living? Explain the defining features of living organisms.
- 2) Which is the largest botanical garden in the world? Name a few well known botanical gardens in India.
- 3) Name the defining features of living organism.
- 4) Who established the first botanical garden of the world?
- 5) What information should a herbarium sheet provide for taxonomical studies?

**Q.3 Answer the following: 10**

- 1) What is museum? What are the various specimens found in a museum?
- 2) Whether all organism are similar? Justify your answer.
- 3) Write a short note on zoological park.
- 4) What do you understand from terms like in situ and ex situ conservation?
- 5) What information is mentioned in the label of a plant specimen preserved in herbarium?

**Q.4 Answer the following: 15**

- 1) Role of human being in biodiversity conservation.
- 2) What are the basic principles of life?
- 3) Write short Note on Importance of botanical garden.

- 4) Jijamata Udyan, the famous zoo in Mumbai has acclimatised humbolt penguins. Why should penguins be acclimatised when kept at a place away from their natural habitat?
- 5) Distinguish between botanical gardens, zoological park and biodiversity park with reference to characteristics.

----- All the Best -----