**Chapter 3**

 **Natural Resources: Vegetation and Wildlife**

1. The student should carefully observe his surroundings and note down the name of plants found naturally in that area. State the kind of leaves the plants have.
2. The student should browse internet and then specify the area they stay in and the animals found naturally in the area.
3. Fill in the blanks
4. \_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ includes forests, grasses and shrubs.
5. \_\_\_\_\_\_\_\_ and small trees are common in the areas of low \_\_\_\_\_\_\_\_\_\_ or in desert area.
6. \_\_\_\_\_\_\_\_\_ rain forests always appear green that is why such forests are known as \_\_\_\_\_ forests.
7. The \_\_\_\_\_\_\_\_\_\_ forests have predominantly broad-leafed trees and medium size leaves.
8. The popular animal species found in \_\_\_\_\_\_\_\_ forests are Mediterranean monk seal, Barbary macaque, Greek tortoise, Iberian lynx etc.
9. The forests having trees that commonly have cone shape are known as \_\_\_\_\_\_\_\_\_\_ forests
10. The forests found in colder regions of the world have \_\_\_\_\_\_\_\_\_\_ in the form of snow in winter.
11. Wildlife is important for its aesthetic values and \_\_\_\_\_\_\_\_\_\_\_ balance.
12. Multiple choice questions
13. The assemblage of plant species in an environment is known as
14. Wild plants b) cultivated plants c) natural vegetation d) none of the above
15. As the rainfall decreases the size and concentration of trees
16. Also increases b) also decreases c) remains same d) none of the above
17. \_\_\_\_\_\_\_\_ forests are characterized with dense growth of vegetation.
18. Tropical Deciduous b) Tropical Evergreen c) Mediterranean d)Coniferous
19. Which of them are consequences of deforestation?
20. Loss of habitat of wildlife b) ecological imbalance c) soil erosion

d) all of them

1. A well- defined area where protection is provided to wildlife and biodiversity is known as
2. Forest b) National park c) wildlife sanctuary d) Zoo
3. Give one word/technical term for the given statement
4. All the non-domesticated animals like birds, fishes and animals that have forest as their natural habitat:
5. Well defined area for protection of wildlife and biodiversity :
6. A declared protected area in which human activities are permitted, hunting of animals and cutting of trees is banned:
7. Forests where most of trees are tall and conical in shape.
8. The forests where trees shed their leaves during dry season to conserve moisture.
9. What is natural vegetation? What does it include?
10. Name the 2 factors responsible for growth of plants.
11. How does growth of forest change with change in amount of rainfall?
12. Name the following
13. 2 plants found in tropical evergreen forests
14. 2 animals found in tropical evergreen forest
15. 2 plants found in tropical deciduous forest
16. 2 animals found in tropical deciduous forest
17. 2 animals found in Mediterranean forest
18. How are plants found in tropical evergreen forest different from that tropical deciduous forest?
19. Why do plants of Tropical evergreen forest have broad leaves?
20. What features of the trees in Mediterranean forest help them to retain moisture in dry summer season?
21. Why trees found in colder regions are cone shaped?
22. Forest are the breathing lungs of the civilisation and very important for survival of life on earth, justify.
23. What are the effects of deforestation?
24. List stringent steps taken by government to protect the forest cover.
25. What is wildlife? Why does it vary from place to place?
26. Why is wildlife important?
27. What can happen if changes in the animal behaviour are observed closely?
28. List the steps taken by Indian government to conserve the wildlife
29. Differentiate a national park from a wild life sanctuary.
30. When was Project Tiger launched in India? What was the purpose of launching it?
31. Name 2 national parks and wildlife sanctuary in India
32. Complete the given table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S.N | Name of the forest | Rainfall/Precipitation | Areas of the world | Characteristic of trees | Animals found |
|  1 | Tropical Evergreen |  |  |  |  |
|  2 | Tropical deciduous |  |  |  |  |
|  3 | Mediterranean |  |  |  |  |
|  4 | Temperate Softwood |  |  |  |  |

1. On the outline political map of India, mark the following
2. Jim Corbett national park of India
3. Manas wildlife sanctuary of India
4. Australia home of Koala bear
5. Mediterranean forest in south western parts of South Africa

  **Chapter 4**

 **Mineral and Energy Resources**

 This chapter has to be done as project work only

Projects

* Make a brochure of different types of minerals with information about their uses in our daily life.
* Make a model of one non-conventional source of energy.
* Prepare a presentation on conventional source of energy
* Mention the various steps taken by government to encourage the use of non-conventional source of energy.