



BIOLOGY

BOOKS - MBD

GETTING TO KNOW PLANTS

Example

1. Can you find a plant in your house or in your neighbourhood, which has a long but weak stem ? Write its name. In which category would you classify it?

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2. What is the function of a stem in a plant ?

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3. If a plant has fibrous root then what kind of venation does its leaves will probably have?



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4. If a plant has leaves with reticulate venation, what kind of roots will it have ?



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5. How can we recognise the root whether it is adventitious or tap root by seeing the leaves of plant ?



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6. Write the names of the parts of a flower.



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7. Which of the following plants have you seen ?Of those that you have seen , which one have flowers?

Grass,maize,wheat,chilli,tomato,tulsi,pipal,shishan,banyan,mango,jamun,guava and banana



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8. Name the part of the plant which produces its food? What is the process called?



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9. In which part of a flower, you are likely to find the ovary?



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10. Name two flowers each with joined and separated sepals.



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11. Define Trees.



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12. Give two examples of herbs.



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13. Which type of plants are Moss,Algae and Fern?



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14. Which part of a flower attracts insects ?



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15. Bud is protected by some leaves.What are they known as?



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16. Name two root systems found in plants.



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17. What are parts of a leaf?



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18. Which underground stems are used as food?



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19. Write the names of the parts of a flower.



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20. Name reproductive parts of a flower.



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21. Name the male reproductive part of a flower.



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22. In which part of a flower, you are likely to find the ovary?



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23. How are plants classified on the basis of size and structure ?



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24. What are shrubs ? Give examples.



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25. What are herbs ? Give examples.



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26. What is photosynthesis ?



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27. Why are leaves generally green ?



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28. What are non-flowering plants ? Give example.



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29. What are Creepers ?



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30. What are Climbers?



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31. Define node?



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32. define internode.



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33. What is difference between the stems of shrub and tree?



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34. Name two flowers with joint sepals?



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35. Name two flowers with separated sepals?



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36. What is cell ?



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37. What is nutrition?



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38. What is respiration?



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39. What is food of fish ?



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40. What is food of frog ?



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41. Name an organism whose body consists of only one cell.



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42. What are autotrophs ?



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43. What are heterotrophs ?



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44. What is the process of removal of water by leaves in plants called ?



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45. Differentiate between Herbs, Shrubs and Trees.



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46. What is meant by conduction of water?



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47. Write the functions of a leaf.



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48. What are veins ?What is their arrangement known as ?



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49. Define photosynthesis.



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50. Name the underground part of a plant and state its function.



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51. What is a flower? Name its different parts.



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52. What is a thalamus? What is its function?



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53. What are stamens?



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54. Differentiate between root and stem.



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55. State the meaning of the following terms:

Tap roots,Fibrous roots,Root Cap,Root hair.



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56. State the meaning of the following terms :

Leaf blade,Leaf apex,Leaf base.



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57. State the meaning of following terms :

Calyx,Corolla.



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58. Why is the leaf an important organ of the plant ?



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59. What is a root ? What are its two kinds?



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60. Discuss the types of roots.



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61. What are fleshy roots ?



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62. Why are stamens and pistils important parts of the flower?



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63. Give one or two-word terms for the following statements:

The underground part of the plant.



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64. Give one or two-word terms for the following statements:

The type of roots found in wheat,maize and sugarcane.



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65. Give one or two-word terms for the following statements:

The portion of plant above the ground.



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66. Give one or two-word terms for the following statements:

Green expanded part of the plant which arises on the nodes of the stem.



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67. Give one or two-word terms for the following statements:

The plants which have stems modified for photosynthesis and leaves modified into spines for protection.



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68. Give one or two-word terms for the following statements:

The process of manufacture of food by plants in the presence of sunlight and chlorophyll.



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69. Give one or two-word terms for the following statements:

The reproductive part of the plant.



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70. Give one or two-word terms for the following statements:

The stem between two nodes.



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71. Which parts of a flower are useful for reproduction?



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72. Which organ of the flower does the function of producing fruit and seed?



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73. Give two examples of each :

Plants with fibrous roots



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74. Give two examples of each :

Roots storing food



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75. Give two examples of each :

Stems with tendrils



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76. Give two examples of each :

Leaves with tendrils.



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77. Give two examples of each :

supporting roots



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78. Give two examples of each :

Stems storing food



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79. State whether the following are roots, stems or leaves:

potato, Carrot, Cabbage, Radish,

Amorphophallus, Turmeric

, Ginger, Beet, Turnip, Sweet potato.



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80. Name the systems of flowering plants Draw them.



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81. What are herbs ?Give examples.



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82. What is a leaf and what is its role in the life of a plant?



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83. What is Venation ?Also classify it.



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84. What is the importance of roots ?



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85. What are the characteristics of roots ?



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86. Mention some modified roots and stems which we eat.



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87. Write three modifications each of stems and roots.



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88. Explain experimentally that stem helps in conducting water upwards.



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89. In which part of the plant does the process of transpiration occurs?



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90. Write the names of the parts of a flower.



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91. Explain normal and special functions of stems.



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92. What is a stem? What are the different parts of a stem?



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93. The small and tender plants are known as..... .

A. Trees

B. Herbs

C. Shrubs

D. None.

Answer:



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94. Which of these is not a tree?

A. Pipal

B. Apple

C. Tulsi

D. Neem.

Answer:



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95. Grass, small plants etc. grown in fields are known as weeds. These weak stem plants are known as..... .

A. Herbs

B. Tree

C. Shurb

D. None.

Answer:



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96. Tree is long with a strong stem.

Its example is

A. Radish plant

B. Tomato plants

C. Rose plant

D. Mango plant.

Answer:



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97. The plants in which branches arise from the base of stem are known as

- A. Herb
- B. Shrub
- C. Tree
- D. None.

Answer:



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98. Stem..... water in plant.

- A. Absorbs
- B. Excretes
- C. Transports
- D. All of these.

Answer:



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99. The broad flat part of leaf is known as

- A. Leaflet
- B. Petiole
- C. Lamina
- D. None.

Answer:



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100. Veins of a leaf are of types.

- A. Two
- B. Three
- C. Four
- D. No.

Answer:



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101. The transpiration in plants is the function of

- A. Root

B. Stem

C. Leaf

D. Fruit.

Answer:



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102. To decolorize green leaves usually is used and the mixture is heated.

A. Water

B. Spirit

C. Oil

D. None.

Answer:



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103. is synthesised by plants in presence of sunlight.

- A. alcohol
- B. Carbohydrate
- C. Fats
- D. None.

Answer:



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104. The underground part of plant, which supports the plants is known as

- A. Stem
- B. Fruit
- C. Root

D. None.

Answer:



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105. Roots absorbfrom the soil.

A. Water nad minerals

B. Gases

C. Both(A) and (B)

D. None.

Answer:



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106. The roots are of types.

- A. One
- B. Two
- C. Many
- D. All of these.

Answer:



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107. The root which we eat is

- A. Cabbage
- B. Mint
- C. Radish
- D. None.

Answer:



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108. If a leaf of plant has parallel veins then it must have..... roots.

A. Primary

B. Fivrous

C. Tap

D. All of these.

Answer:



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109. In root, there is hard long primary root which has small secondary roots.

A. Fibrous

B. Tap

C. Both

D. None.

Answer:



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110. It is a group of flowers

A. Rose

B. Sunflower

C. Tulip

D. Dog flower.

Answer:



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111. are coloured parts of the flower.

- A. Sepals
- B. Corolla
- C. Pistil
- D. Stamen.

Answer:



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112. The shape and size of calyx is like..... .

- A. Stem
- B. Small green leaf
- C. Root
- D. None.

Answer:



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113. Potato is an example of underground

A. Stem

B. Root

C. Leaf

D. Fruit.

Answer:



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114. Carpel/Pistil is the part of the flower.

A. Outermost

B. Middle

C. Innermost

D. None-specific.

Answer:



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