



BIOLOGY

BOOKS - SURA PUBLICATION

PLANT KINGDOM

Example

1. *Solanum trilobatum* is the binomial name of Thoothuvalai. Here the word 'Solanum' refers to

A. Species

B. Genus

C. Class

D. Orders

Answer:



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2. An example of colonial algae is

A. Oscillatoria

B. Nostoc

C. Volvox

D. Chlorella

Answer:



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3. Floridean starch is a reserve food material of

A. Chlorophyceae

B. Phaeophyceae

C. Rhodophyceae

D. Cyanophyceae

Answer:



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4. One of the following is an edible mushroom

..... .

A. Polyporus

B. Agaricus

C. Penicillium

D. Aspergillus

Answer:



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5. Plant that prevent soil erosion are

A. Algae

B. Fungi

C. Bryophytes

D. Pteridophytes

Answer:



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6. The first land plants are

A. Bryophytes

B. Pteridophytes

C. Gymnosperm

D. Angiosperm

Answer:



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7. The well developed sporophytic plant body is seen in

A. Bryophytes

B. Pteridophytes

C. Gymnosperm

D. Angiosperm

Answer:



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8. Binomial Nomenclature was first introduced
in the year..... .

A. 1970

B. 1753

C. 1978

D. 1623

Answer:



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9. Penicillin is an antibiotic ,which is extrated from

A. Algae

B. Fungi

C. Bryophytes

D. Pteridophytes

Answer:



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10. True or False : In polypetalae, the petals are free.



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11. True or False : Binomial name should contains more than two words.



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12. True or False : Artificial system of classification is based on the vegetative characters of the plant.



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13. True or False : Cell wall of fungi is made up of the chitin.



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14. True or False : Pinus is a closed seeded plant.



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15. True or False : All bryophytes are hydrophytes.



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16. True or False : Dicotyledons have well developed characters than the gymnosperm.



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17. True or False : Mosses are the well developed plant in bryophytes.



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18. True or False : The dominant phase of the bryophytes is sporophytes.



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19. True or False : The dominant phase of the pteridophytes is gametophytic phase.



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20. Define Thallus.



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21. What is Binomial Nomenclature?



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22. Write any two characters of dicotyledons .



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23. Seeds of gymnosperm plants are naked .

Why ?



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24. Write any two economic importance of fungi.



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25. What is natural system of classification?



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26. Name any three Economic importance of Algae.



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27. Write the differences between algae and fungi.



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28. How many classes are there in Bryophytes ?
What are they ?



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29. Write any four characters of pteridophytes



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30. Draw the outline of Bentham and Hookers system classification .



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31. Write any five differences between monocot and dicot plants.





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32. Write differences between Gymnosperm and Angiosperm.



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33. Write any five Economic importance of Gymnosperm.



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34. Write the names of medicinal plants and explain their uses.



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35. Soil erosion can be prevented by

A. Algae

B. Fungi

C. Bryophytes

D. Pteridophytes

Answer:



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36. State any five characters of Gymnosperms.



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37. Is a blue green algae.

A. Chlorella

B. Oscillatoria

C. Chara

D. Laminaria

Answer:



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38. Polysiphonia is a Alga.

A. red

B. brown

C. green

D. blue green

Answer:



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39.is used in space travel.

A. Chlorella

B. Chlamydomonas

C. Volvox

D. Laminaria

Answer:



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40. Is an edible algae.

A. Spirulina

B. Gelidium

C. Nostoc

D. Volvox

Answer:



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41. Tikka disease is seen in

A. paddy

B. ground nut

C. mango

D. maize

Answer:



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42. Classification of algae was given by

A. Martin

B. Alexopoulos

C. Fritsch

D. Bentham and Hooker

Answer:



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43. Is a hallucinogenic fungus .

A. Colletotrichum

B. Claviceps

C. Conocybe

D. Albugo

Answer:



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44. is not a fungal disease.

A. Athlet 's foot

B. Foot and mouth

C. Dandruff

D. Ringworm

Answer:



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45. Horse tail refers to

A. equisetum

B. dryopteris

C. lycopodium

D. nephrolepis

Answer:



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46. Coralloid roots are seen in

A. Pinus

B. Cycas

C. Gingko

D. Gnetum

Answer:



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47. Fill in the blanks : Minute algae floating on the surface of water are called



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48. Fill in the blanks : is an example of symbiosis between algae and fungi.



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49. Book written by Darwin___



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50. Fill in the blanks : Largest Herbarium of India is in



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51. Fill in the blanks : The root like structure in bryophytes is called



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52. Fill in the blanks : Are the simplest group of land plants.



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53. Fill in the blanks : is a bryophyte which is commonly used in nurseries.



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54. Fill in the blanks : In bryophytes spore is the first cell of the generation .



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55. Fill in the blanks : Club moss refers to



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56. Fill in the blanks : An alkaloid got from gymnosperm is



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57. Fill in the blanks : Is a essential oil got from pinus .



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58. Fill in the blanks : The plants Is used for treatment of jaundice.



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59. Fill in the blanks : Special roots present in parasites are called



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60. Fill in the blanks : The male and female sex organs in bryophytes are called as and Respectively.



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61. Fill in the blanks : got from algae is used to prepare growth medium in laboratories.



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62. True or False - if false give the correct statement : Monocotyledonae leaves have venation .



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63. True or False - if false give the correct statement : Carolus linnaeus published their Natural System of Classification.



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64. True or False - if false give the correct statement : Binomial name was produced by Gaspard Bauhin.



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65. True or False - if false give the correct statement : Agar Agar is extracted from red algae.



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66. True or False - if false give the correct statement : Blue green algae increases the fertility of the soil.



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67. True or False - if false give the correct statement : Cell wall of algae is made up of a chemical substance called chitin .



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68. True or False - if false give the correct statement : Saprophytes grow up on the dead and decay matters.



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69. True or False - if false give the correct statement : Erymothercium ashbyii are used to produce vitamin B₂.



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70. True or False - if false give the correct statement : Button mushroom cause allergy to children.



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71. True or False - if false give the correct statement : Reserve food materials of fungi is starch.



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72. Direction : In each of the following questions , a statement of Assertion is given and a corresponding statement of Reason is given just below it .Of the four statements ,given below,mark one as the correct answer .

Assertion: Fungi are considered as thallophytes.

Reason : The plant body is made up of hyphae.

A. If both Assertion and reason are true and Reason is the correct explanation of Assertion.

B. If both Assertion and Reason are true and Reason is not the correct explanation of Assertion.

C. If Assertion is true but Reason is false.

D. If both Assertion and Reason are false.

Answer:



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73. Direction : In each of the following questions , a statement of Assertion is given and a corresponding statement of Reason is given just below it .Of the four statements ,given below,mark one as the correct answer .

Assertion: Gymnosperms are more developed than monocots,.

Reason : They produce closed seeds.

A. If both Assertion and reason are true and Reason is the correct explanation of Assertion.

B. If both Assertion and Reason are true and Reason is not the correct explanation of Assertion.

C. If Assertion is true but Reason is false.

D. If both Assertion and Reason are false.

Answer:



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74. Name the types of classification.



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75. What are phytoplankton ?



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76. Mention two forms of algae with examples.



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77. Name few fungal diseases in Humans.





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78. Why Bryophytes are called amphibians of plant kingdom ?



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79. Write two uses of bryophytes.



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80. How are Gymnosperms classified ?



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81. Mention two differences between bryophytes and pteridophytes.



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82. Mention any four fungal diseases in plants.



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83. Mention two salient features of algae.



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84. What is artificial system of classification.



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85. What is taxonomy ?



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86. Write the classification of algae with type of reserve food , pigments and examples for each type.



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87. Write a note on the uses of fungi.



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1. Binomial Nomenclature was first introduced in the year..... .

A. 1970

B. 1975

C. 1978

D. 1623

Answer:



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2. Is a blue green algae.

A. Chlorella

B. Oscillatoria

C. Chara

D. Laminaria

Answer:



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3. Coralloid roots are seen in

A. Pinus

B. Cycas

C. Gingko

D. Gnetum

Answer:



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4. Is an edible algae.

A. Spirulina

B. Gelidium

C. Nostoc

D. Volvox

Answer:



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5. Fill in the blanks : Monocotyledon seeds bear only cotyledon.



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6. Fill in the blanks : Agar Agar is obtained from Algae.



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7. Fill in the blanks : Special roots present in parasites are called



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8. Fill in the blanks : is an example of symbiosis between algae and fungi.



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9. Match the following :

i	<i>Solanum trilobatum</i>	(a)	Fungi
ii	Vitamin B ₂	(b)	<i>Rhizopus</i>
iii	Saprophyte	(c)	<i>Laminaria</i>
iv	Fodder	(d)	TB



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10. What is mean by binomial Nomenclature ?

Give example.



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12. Mention any four fungal diseases in plants.



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