



# BIOLOGY

## BOOKS - BAL BHARTI

### CLASSIFICATION OF PLANTS

**Use Your Brain Power**

**1. Answer the following questions:**

What is the similarity between the plants of the groups, Thallophyta, Bryophyta and

Pteridophyta irrespective of differences in their body structure. (Use your brain power)



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## Exercises

**1.** Match the proper terms from columns A and C with the description in Column B:

A	B	C
(1) Thallophyta	Seeds are formed in fruits	Fern
(2) Bryophyta	No natural covering on seeds	Cycas
(3) Pteridophyta	These plants mainly grow in water	Tamarind
(4) Gymnosperms	These plants need water for reproduction	Moss
(5) Angiosperms	Tissues are present for conduction of water and food	Algae



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2. Answer the following questions:

Sketch and label the figures of the following

and explain them in brief.

Marchantia



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**3. Answer the following questions:**

Sketch and label the figures of the following and explain them in brief.

Funaria



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4. Answer the following questions:

Sketch and label the figures of the following and explain them in brief.

Fern



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5. Sketch and label the figures of the following plants and explain them into brief.

Spirogyra



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6. Which criteria are used for the classification of plants? Explain with reason.



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## Exercises Complete The Sentences By Filling In The Blanks And Explain Those Statements

1. Complete the sentences and explain them:

(Angiosperms, gymnosperms, spores,

bryophyta, thallophyta, zygote)

.....Plants have soft and fiber like body.



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2. Complete the sentences and explain them:

(Angiosperms, gymnosperms, spores,

bryophyta, thallophyta, zygote)

.....is called the 'amphibian' of the plant kingdom.



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3. Complete the sentences and explain them:

(Angiosperms, gymnosperms, spores, bryophyta, thallophyta, zygote)

In pteridophytes, asexual reproduction occurs by .....formation and sexual reproduction occurs by .....formation.



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4. Complete the sentences and explain them:

(Angiosperms, gymnosperms, spores, bryophyta, thallophyta, zygote)



Male and female flowers of .....are borne on different sporophylls of the same plant.



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**Exercises Answer The Following Questions In Your Own Words**

**1. Answer the following questions:**

Write the characteristics of subkingdom phanerogams.



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**2. Distinguish between:**

Dicots and Monocots



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**3. Answer the following questions:**

Write the paragraph in your own words about the ornamental plants called ferns.



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**4. Answer the following questions:**

Sketch , label and describe Spirogyra.



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**5. Answer the following questions:**

Write the characteristics of the plants belonging to the division Bryophyta.



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