

## CHAPTER 7: Plants

### Part 1: What is Plant?

- When scientists compare present-day plants and present-day green algae, they find the following common characteristics:
  - Cell walls composed of cellulose
  - Cell division includes the formation of a cell plate
  - The same type of chlorophyll used in photosynthesis
  - Similar genes for ribosomal RNA
  - Food stored as starch
  - The same types of enzymes in cellular vesicles

#### Non-Vascular Plants:

Characteristics: small, doesn't have vascular tissues, grows in damp, shady environments

##### • Division Bryophyta

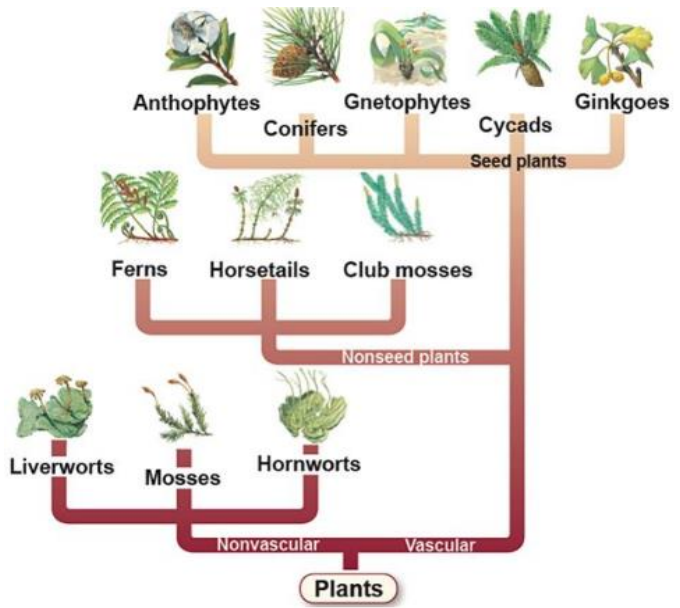
- Most familiar bryophytes are the mosses.
- Structures that are similar to leaves
- Produce rootlike, multicellular rhizoids that anchor them to soil or another surface
- Water and other substances move throughout a moss by osmosis and diffusion.

##### • Division Anthocerophyta

- Anthocerophytes are called hornworts.
- Water, nutrients, and other substances move in hornworts by osmosis and diffusion

##### • Division Hepaticophytes

- Hepaticophytes are referred to as liverworts.
- Found in a variety of habitats
- Water, nutrients, and other substances are transported by osmosis and diffusion.



**1 Which of the following is a characteristic of Bryophyta(mosses)?**  
 CH A Vascular tissues      B Seeds  
 7 C Flowers                      D Rhizoids  
 Bryophyta (mosses): produce root-like multicellular rhizoids. →D

**2 You examined a plant and noticed that there is no vascular tissue, so you concluded that it is from...**  
 CH A Pterophyta(ferns)      B Cycadophyte(cycads)  
 7 C Bryophyta(mosses)      D Conifers  
 Non-Vascular Plants: -Bryophyta (mosses)  
 - Anthocerophyta - Hepaticophytes →C

**3 Hepaticophyta (liverworts) belongs to...**  
 CH A Vascular plants      B Nonvascular plants  
 7 C Seed plants              D Flower plants  
 Non-Vascular Plants: -Bryophyta (mosses)  
 - Anthocerophyta - Hepaticophytes →B

**4 Which of the following plants doesn't have transport tissue?**  
 CH A Conifers                      B Ginkgophyta  
 7 C Bryophyta (mosses)      D Cycads  
 Non-Vascular Plants: -Bryophyta (mosses)  
 - Anthocerophyta - Hepaticophytes →C

**5 What characteristic of nonvascular plants enables them to survive without specialized transport tissues?**  
 CH A Small size                      B Vinelike stems  
 7 C Leaflike structures      D Rootlike rhizoids  
 Non-Vascular Plants Characteristics: small, doesn't have vascular tissues, grows in damp, shady environments →A

**6 What are the most familiar bryophytes?**  
 CH A Hornworts                      B Horsetails  
 7 C Liverworts                      D Mosses  
 Division Bryophyta  
 Most familiar bryophytes are the mosses. →D

**7 Which organism has one large chloroplast in each of its cells and cyanobacteria living in between the cells?**  
 CH A Cycad                              B Fern  
 7 C Hornwort                          D Liverwort  
 Anthocerophytes are called hornworts.  
 - One large chloroplast in each cell of the gametophyte and sporophyte, Cyanobacteria grow in this slime. →C

**8 Which is the list of three nonvascular plant divisions?**  
 CH A Pterophyta, Bryophyta, Anthocerophyta  
 7 B Bryophyta, Anthocerophyta, Hepaticophyta  
 C Lycophyta, Anthocerophyta, Hepaticophyta  
 D Bryophyta, Cycadophyta, Hepaticophyta  
 Non-Vascular Plants: -Bryophyta (mosses)  
 - Anthocerophyta - Hepaticophytes →B

**9 In which habitat would a botanist be most likely to find a new species of a nonvascular plant**  
 CH A Cool mountain lake  
 7 B Damp forest soil  
 C High tree branches  
 D Sunlit sand dune  
 Non-Vascular Plants characteristics: small, doesn't have vascular tissues, grows in damp, shady environments →B

## CHAPTER 7: Plants

### Part 2: Vascular plants

#### Seedless Vascular Plants

Have vascular tissues

#### • Division Lycophyta

- Sporophyte generation of lycophytes is dominant.
- Reproductive structures produce spores that are club-shaped or spike-shaped.
- Have roots, stems, and small, scaly, leaflike structures
- Two genera—Lycopodium and Selaginella

#### \* Division Pteridophyta

- Plant division includes ferns and horsetails
- Sporophyte produces roots and a thick underground stem called a rhizome, a food storage organ.
- The frond is part of the sporophyte generation of ferns.
- Fern spores form in a structure called a sporangium.
- Clusters of sporangia form a sorus.
- Sori usually are located on the undersides of fronds



#### Vascular Seed Plants

- A variety of adaptations for the dispersal or scattering of their seeds throughout their environment
- The sporophyte is dominant in seed plants and produces spores.

#### **Divisions:**

- *Ginkgophyta*: have small fan shaped leaves Ex: Cycads
- *Coniferophyta*: have needlelike or scale like leaves Ex: Conifers

#### -*Anthophyta*:

- \* Annual plants: completes its life span in one growing season or less      \* Biennial plants: life spans 2 years
- \* Perennial plants: lives several years      \* Angiosperms: seeds are part of the fruit
- \* Gymnosperms: seeds are not part of the fruit

#### 10 Lycophyte (spike mosses) and Pteridophyta (ferns) are vascular...

- CH A Seed plants                      B Flower plants  
7 C Seedless plant                  D Thallous plants
- Seedless Vascular Plants: Division Lycophyta and Division Pteridophyta →C

#### 11 Which of the following has xylem and phloem and reproduce by spores?

- CH A Bryophyta(mosses)              B Pteridophyta (ferns)  
7 C Cycads                              D Ginkgophyta
- Pteridophyta (ferns) has xylem and phloem and reproduce by spores →B

#### 12 Which of the following plants is a seedless vascular plant?

- CH A Bryophyta(mosses)              B Pteridophyta (ferns)  
7 C Hornworts                        D Hepaticophyta
- Seedless Vascular Plants: Division Lycophyta and Division Pteridophyta →B

#### 13 Which of the following plants is from Pteridophyta?

- CH A Juniper                              B Ferns  
7 C Hornworts                        D Pine
- Division Pteridophyta includes ferns and horsetails →B

#### 14 Fern sporophyte forms a stem underground called...

- CH A Spores                                B Rhizome  
7 C Fronds                                D Sorus
- Rhizome: a thick underground stem that stores food. →B

#### 15 A..... plants life spans two years.

- CH A Annual                                B Perennial  
7 C Biennial                              D Conifer
- Biennial plants: life spans 2 years →C

#### 16 Which of the following is a vascular seed plant?

- CH A Liverworts                          B Club mosses  
7 C Mosses                                D Cycads
- Vascular Seed Plants Ginkgophyta: have small fan shaped leaves Ex: cycads →D

#### 17 Which of the following plants have needlelike or scale like leaves?

- CH A Gnetophytes                        B Conifers  
7 C Flowering plants                  D Cycads
- Vascular Seed Plants Ginkgophyta: have small fan shaped leaves Ex: cycads →B

#### 18 ..... have seeds that are part of the fruit.

- CH A Angiosperms                      B Gymnosperms  
7 C Seedless plants                  D Nonvascular plants
- Angiosperms: seeds are part of the fruit →A

#### 19 ..... have seeds that are part of the fruit.

- CH A Angiosperms                      B Gymnosperms  
7 C Seedless plants                  D Nonvascular plants
- Angiosperms: seeds are part of the fruit →A

#### 20 The mobile reproductive parts of all nonvascular seedless plants are

- CH A Rhizoids.                              B Cones.  
7 C Spores.                                D Epiphytes.
- Cones are reproductive parts, but not considered mobile. Spores are reproductive parts that are mobile →C

#### 21 Of the divisions of gymnosperms, which one might be chosen to use as wood for making wood carvings or fine furniture?

- CH A Cycadophyta                        B Gnetophyta  
7 C Ginkgophyta                        D Coniferophyta.
- Coniferophyta includes pines, cypress, and redwoods, all of which make beautiful, finished wood. This division contains the only gymnosperms with long woody stems suitable for woodworking. →D

## CHAPTER 7: Plants






### Part 3: Plant Structure and Function

Plant cells have a cell wall and chloroplasts

*Types of plant cells and their functions...*

- **Parenchyma:** Storage, photosynthesis, gas exchange, protection
- **Collenchyma:** allows plants to bend without breaking
- **Sclerenchyma:** support and transport, have two types (sclereid or stone cells, and fibers)

(Parenchyma and Collenchyma cells are capable of dividing when the plant matures but sclerenchyma cells can't.)

Plant Cells and function		
Cell Type	Example	Function
<b>Parenchyma</b>	  Without chloroplasts    With chloroplasts	<ul style="list-style-type: none"> <li>- Storage</li> <li>- Photosynthesis</li> <li>- Gas exchange</li> <li>- protection</li> <li>- Tissue repair and replacement</li> </ul>
<b>Collenchyma</b>		<ul style="list-style-type: none"> <li>- Storage for surrounding tissues</li> <li>- Provides flexibility</li> </ul>
<b>Sclerenchyma</b>	  Sclereid                      Fibers	<ul style="list-style-type: none"> <li>- Support</li> <li>- Transport of minerals</li> </ul>

22 Plant cells have ..... but animal cells don't have it.  
 CH A Nucleus                      B Plasma membrane  
 7 C Cytoplasm                      D Chloroplasts  
 Plant cells have a cell wall and chloroplasts →D

23 Collenchyma, parenchyma, and sclerenchyma are examples of plant \_\_\_\_\_  
 CH A Cells                              B Fibers  
 7 C Hormones                      D Tissues  
 plant cells are: - Parenchyma    - Collenchyma  
    - Sclerenchyma                      →A

24 Which of the following cells undergo photosynthesis?  
 CH A Collenchyma                      B Parenchyma  
 7 C Cytoplasm                      D Root hairs  
 Parenchyma: Storage, photosynthesis, gas exchange, protection →B

25 What is the function of Sclerenchyma cells in plants?  
 CH A Gas exchange                      B Photosynthesis  
 7 C Support                              D Root hairs  
 Sclerenchyma: support and transport, have two types (sclereid or stone cells, and fibers) →C

26 Stone cells is a type of ..... cell  
 CH A Sclerenchyma                      B Parenchyma  
 7 C Collenchyma                      D Meristematic  
 Sclerenchyma: support and transport, have two types (sclereid or stone cells, and fibers) →A

27 Which of the following plant cells can't divide?  
 CH A Sclerenchyma                      B Parenchyma  
 7 C Collenchyma                      D Meristematic  
 Sclerenchyma: support and transport, have two types (sclereid or stone cells, and fiber) →A

28 When a person looks at a herbaceous plant, what type of cell is the person mostly seeing?  
 CH A Sclerenchyma cells                      B Parenchyma cells  
 7 C Collenchyma cells                      D Guard cells  
 Herbaceous plants have photosynthetic leaves and stems. All photosynthetic cells are parenchyma cells. →B

29 Which plant cells are flexible and provide support for surrounding cells?  
 CH A Collenchyma cells                      B Meristematic cells  
 7 C Parenchyma cells                      D Sclerenchyma cells  
 Collenchyma: allows plants to bend without breaking Provides flexibility →A

30 Which type of cells provides fiber that humans use to make ropes and clothing?  
 CH A Collenchyma cells                      B Meristematic cells  
 7 C Parenchyma cells                      D Sclerenchyma cells  
 Sclerenchyma: support and transport, have two types (sclereid or stone cells and fibers) →D

31 What is the function of parenchyma cells in a fruit?  
 CH A Gas exchange                      B Photosynthesis  
 7 C Protection                              D Storage  
 Parenchyma helps in storing food in a fruit. →D

32 What is the function of parenchyma cells in a fruit?  
 CH A Gas exchange                      B Photosynthesis  
 7 C Protection                              D Storage  
 Parenchyma helps in storing food in a fruit. →D

1 What is the function of parenchyma cells?  
 Do A Accelerate plant growth in stems and roots  
 It? B Form wood to support the entire plant  
      C Provide support for surrounding cells  
      D Undergo cell division to help repair a plant



# CHAPTER 7: Plants

## Part 4: Plant tissues and Function

**Types:** Meristematic, dermal, vascular, and ground.

- **Meristematic tissue:** Regions of rapidly dividing cells.
- **Apical Meristem:** at the tip of roots and stems, which produce cells that result in an increase in length.
- **Intercalary Meristem:** it is responsible for the growth of the grass after being mowed.
- **Lateral meristem:** increase the diameter of the roots and stems.

- **Dermal tissue:** contains stomata, trichome, and root hairs.

**Stomata:** Small openings through which carbon dioxide, water, oxygen, and other gases pass.

The two cells that border a stoma are guard cells.

**Trichomes:** Hairlike projections that protect the plant

**Root Hairs:** Increase a root's surface area and enable the root to take in a greater volume of materials

- **Vascular tissue:** contains xylem, phloem.

- **Xylem:** transports water that contains minerals to the plant.

Composed of specialized cells called vessel elements and tracheids

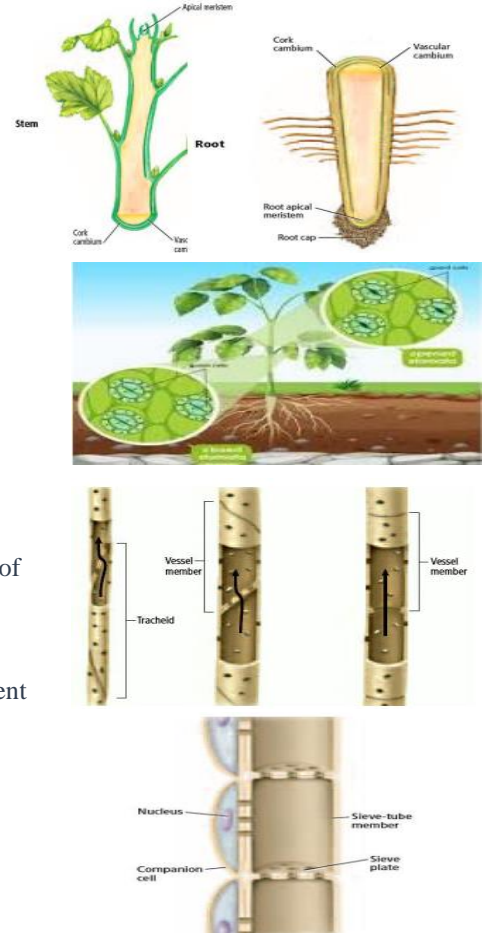
- Vessel elements are tubular cells stacked end-to-end that enables free movement of water and dissolved substances.
- Tracheids are long, cylindrical cells with pitted ends that allow the movement of water and dissolved substances.
- Because mature tracheids have end walls, they are less efficient than vessel element
- **Phloem:** food-carrying tissue.

Transports dissolved sugars and other organic compounds throughout the plant.

- Contain Sieve-tube member, and Companion cells

### Ground Tissue

- Consist of parenchyma, collenchyma, and sclerenchyma cells
- Functions include photosynthesis, storage, and sup



**33 The reason for the continuation of the weeds growing in length despite the cutting of the growing tops is the presence of**

- CH A Vascular cambium B Cork cambium  
7 C Intercalary Meristem D Lateral meristem

Intercalary Meristem: it is responsible for the growth of the grass after being mowed.

→C

**34 Which is a result of the growth of lateral meristem tissue?**

- CH A Increasing the diameter of a branch  
7 B Lengthening of a stem  
C Production of leaves  
D Starch and water storage in a root

Lateral meristem: increase the diameter of the roots and stems.

→A

**35 A botanist notices that the cuticle is not forming properly on one of his plants. He thinks the plant has an infection. Which tissue is most likely infected?**

- CH A Dermal tissue B Meristematic tissue  
7 C Ground tissue D Vascular tissue

Most epidermal cells can secrete a fatty substance that forms the cuticle.

→A

**36 What is the benefit of xylem and phloem?**

- CH A Anchoring plants to soil  
7 B Light absorptions.  
C Water and food transportation.  
D Rapid growth

The benefit of xylem and phloem water and food transportation.

→C

**37 Which vascular tissue carries food to plants**

- CH A Dermis B Parenchyma.  
7 C Xylem. D Phloem.

Phloem: food-carrying tissue

→D

**38 What type of plant tissue contains rapidly dividing cells that result in primary and secondary growth?**

- CH A Dermal tissue B Meristematic tissue  
7 C Ground tissue D Vascular tissue

Meristematic tissue: Regions of rapidly dividing cells.

→B

**39 What is the term for a tissue that transports substances?**

- CH A Dermal tissue B Meristematic tissue  
7 C Ground tissue D Vascular tissue

The benefit of vascular tissue, xylem and phloem Water and food transportation.

→D

**40 What tissue replaces cells of the root cap that are rubbed off as the root grows?**

- CH A Apical meristem B Cork cambium  
7 C Dermal tissue D Ground tissue

Apical Meristem: at the tip of roots and stems, which produce cells that result in an increase in length.

→A

**2 Which plant tissue translocates nutrients from sources to sinks?**

- Do A Cambium B Mesophyll  
It? C Phloem D Xylem

# CHAPTER 7: Plants

## Part 5: Plant Hormones and Responses

### Plant hormones

**Auxin:** the first plant hormone to be identified, apical dominance (plant growth is upward).

- Stimulates the lengthening of cells.
- Affects the rate of growth in roots, stems, and leaves.

**Gibberellins:** causes cell elongation, stimulates cell division, and affects seed growth, transported in vascular tissue.

- Applying gibberellins to a plant can cause an increase in height.

**Ethylene:** the only gaseous hormone, it primarily affects the ripening of fruits. Fruits are softer and sweeter than unripe fruits.

- Found in plant tissues such as ripening fruits, dying leaves, and flower
- Transported within the phloem.

**Cytokinesis:** a hormone that increases the rate of growth.

- Promote cell division by stimulating the production of the proteins needed for mitosis and cytokinesis
- Produced in rapidly dividing cells.

### Plant response

#### \* Nastic responses

A response of a plant that causes movement independent of the direction of the stimulus

- Solar tracking
- Closing of a Venus flytrap's leaves

#### \* Tropic Responses

A **tropism** is a plant's growth response to an external stimulus.

Types of tropisms: *phototropism*, *gravitropism*, and *thigmotropism*.

**Positive tropism:** growth of the plant toward the stimulus.

**Negative tropism:** growth of the plant away from the stimulus.

Plant Tropisms		
Tropism	Stimulus/Response	Example
Phototropism	Light • Growth toward light source	
Gravitropism	Gravity • Positive: downward growth • Negative: upward growth	
Thigmotropism	Mechanical • Growth toward point of contact	

41 A hormone that causes the apical dominance phenome in plants is...

- CH A Auxin B Gibberellins.  
7 C Ethylene D Cytokinesis.

Auxin: the first plant hormone to be identified, apical dominance (plant growth is upward). →A

42 Hormone that causes elongation of cells is..

- CH A Methylene. B Gibberellins.  
7 C Ethylene D Cytokinesis

Gibberellins: causes cell elongation, stimulates cell division, and affects seed growth. of fruits. →B

43 Which of the following has a role in transporting gibberellins through plants?

- CH A Cork cambium B Guard cells.  
7 C Vascular tissue D Tips.

Gibberellins: transported in vascular tissue. →C

44 Which of the following hormones enhance the process of fruit repining?

- CH A Auxin B Ethylene  
7 C Cytokinesis D Gibberellins

Ethylene: the only gaseous hormone, it primarily affects the ripening of fruits. →B

45 Which of What hormone will accumulate in an enclosed sack that contains unripe bananas? he following hormones enhance the process of fruit repining?

- CH A Auxin B Ethylene  
7 C Cytokinesis D Gibberellins

Ethylene: the only gaseous hormone, it primarily affects the ripening of fruits. →B

46 A researcher notices that the cells of the stem have elongated in a plant she is observing. Which hormone(s) might cause this to occur?

- CH A Auxin only  
7 B Auxin and gibberellins  
C Gibberellins only  
D Cytokinin's and gibberellins

Both auxin and gibberellins are capable of causing cell elongation. →B

47 The growth of grapes toward a light source is an example of...

- CH A Positive tropism. B Negative tropism.  
7 C Nastic response. D Thigmotropism

Positive tropism: growth of the plant toward the stimulus →A

48 The growth of the plants away from a light source Is called...

- CH A Positive tropism. B Negative tropism.  
7 C Nastic response. D Thigmotropism

Negative tropism: growth of the plant away from the stimulus. →B

49 What type of response causes plant movement that can be reversed and repeated?

- CH A Hormonal response. B Nastic response.  
7 C Thigmoresponse D Tropic response

Nastic responses: A response of a plant that causes movement independent of the direction of the stimulus  
- Solar tracking  
- Closing of a Venus flytrap's leaves →B

# CHAPTER 7: Plants

## Part 6: Flowering plants

**Flowers:** are the reproductive organs of the plant.

- A complete flower consists of sepals, petals, stamen, and one or more pistils.
- Petals: colored leaves that attract pollinators.
- Stamen: male reproductive organs consist of a filament and anther which produces pollens.
- Pistil: the female reproductive organ that consists of the ovary, stigma, and style. Produce eggs.

### Types of flowers

- Complete flower: have 4 flower organs.
- Incomplete flowers: miss one or more of the organs
- Perfect flowers: have both pistils and stamens.
- Imperfect flowers: have either a pistol or a stamen.
- **Dicot:** flower organs multiple of four or five.
- **Monocots:** flower organs of multiples of three

### Results of Reproduction

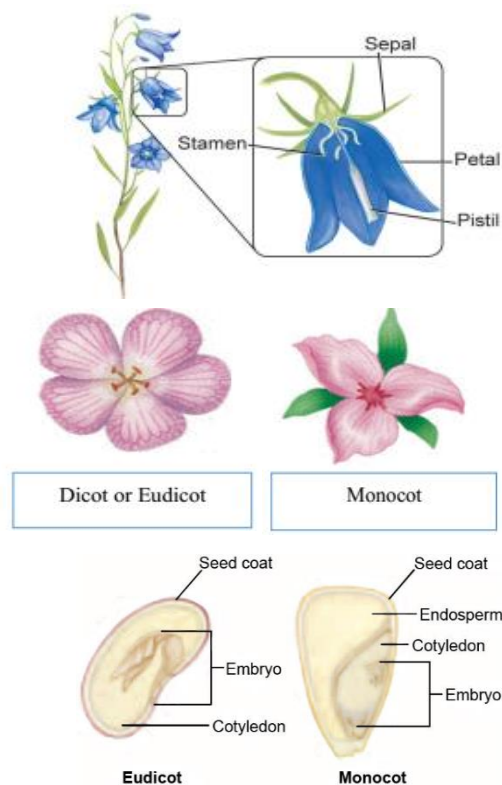
- **Fertilization** is only the beginning of a long process that ends with the formation of a seed.

### Seed and Fruit Development

- The sporophyte begins as a zygote or a  $2n$  cell.
  - The zygote undergoes numerous cell divisions to form an embryo.
  - Nourishment for the embryo comes from a tissue called the endosperm
- Some seeds can survive harsh environmental conditions, such as drought and cold. Other seeds germinate soon after dispersal and still others can germinate after long periods. Some maple seeds must germinate within two weeks after dispersal or they will not germinate at all. Most seeds produced at the end of a growing season enter dormancy, a period of little or no growth.

Dormancy is an adaptation that increase the survival rate of seeds exposed to harsh conditions.

The length of dormancy varies from species to another.



**50 A colored organ found in flowers that attracts pollinators**  
CH A Petal B Sepal  
7 C Pistil D Stamen  
**Petals: colored leaves that attract pollinators. →A**

**51 Which organ of the flower contains the male gametes in flowers?**  
CH A Petal B Sepal  
7 C Pistil D Stamen  
**Stamen: male reproductive organs consist of a filament and anther which produces pollens. →D**

**52 Female reproductive organs in flowers are found in?**  
CH A Petal B Sepal  
7 C Pistil D Stamen  
**Pistil: the female reproductive organ that consists of the ovary, stigma, and style. Produce eggs →C**

**53 Which of the following describes the shown flower?**

CH A Perfect complete flower  
7 B Perfect incomplete flower  
C Imperfect incomplete flower  
D Imperfect complete flower  
**Complete flower: have 4 flower organs.  
Perfect flowers: have both pistils and stamens. →A**

**54 A flower contains 3 anthers which of the following the flower belongs to?**  
CH A Monocots B Dicots  
7 C Gymnosperms D Conifers  
**Monocots: flower organs of multiples of three. →A**

**55 A tissue that provides nutrients for the seed**  
CH A Cotyledon B Fruit  
7 C Ovary D Endosperm  
**Nourishment for the embryo comes from a tissue called the endosperm →D**

**56 In which of the following organs does the fruit "orange" is produced?**  
CH A Petal B Anther  
7 C Ovary D egg  
**Fruit produced in ovary. →C**

**57 A process in which a seed starts to grow**  
CH A Germination B Dormancy  
7 C Fertilization D Pollination  
**Germination is a process in which a seed starts to grow →A**

**58 A phase in which the seed is inactive**  
CH A Germination B Dormancy  
7 C Fertilization D Pollination  
**Dormancy is a phase in which the seed is inactive →B**

**59 What is an adaptation that increases the survival rate of seeds exposed to harsh conditions?**  
CH A Germination B Dormancy  
7 C Fertilization D Pollination  
**Dormancy is an adaptation that increase the survival rate of seeds exposed to harsh conditions →B**



## CHAPTER 7: Plants

### Part 7: Photoperiodism & Types of fruits

▪ The flowering response to the number of hours of uninterrupted darkness is known as photoperiodism.

▪ Flowering plants are divided into four different groups based on the critical period. A short-day plant flowers when exposed daily to a number of hours of darkness that is greater than its critical period

Ex: chrysanthemum, rice, soybean, onion, violet, and poinsettia.

A long-day plant flowers when the number of hours of darkness is less than its critical period.

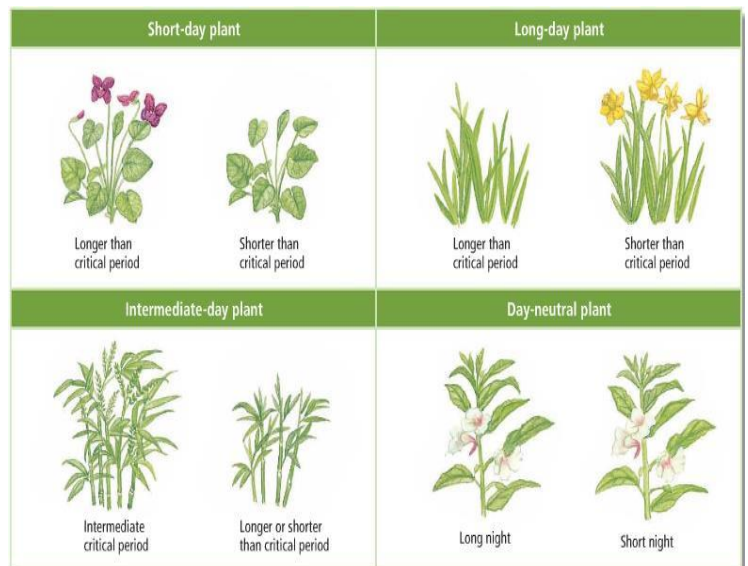
Ex: aster, hibiscus, coneflower, lettuce, spinach, radish, sugar beet, and potato.

An intermediate-day plant flowers as long as the number of hours of darkness is neither too great nor too few.





EX: sugarcane, grass

A day-neutral plant flowers over a range in the number of hours of darkness.

Ex: cucumber, cotton, dandelion, sunflower



### Types of Fruit

Fruit Type	Example of Flower and Fruit	Description
Simple fleshy fruits	 <b>Peach</b>	Simple fleshy fruits can contain one or more seeds. Apples, peaches, grapes, oranges, tomatoes, and pumpkins are simple fleshy fruits.
Aggregate fruits	 <b>Raspberry</b>	Aggregate fruits form from flowers with multiple female organs that fuse as the fruits ripen. Strawberries, raspberries, and blackberries are examples of aggregate fruits.
Multiple fruits	 <b>Pineapple</b>	Multiple fruits form from many flowers that fuse as the fruits ripen. Figs, pineapples, mulberries, and osage oranges are examples of multiple fruits.
Dry fruits	 <b>Redbud</b>	When mature, these fruits are dry. Examples of dry fruits include pods, nuts, and grains.

**60** Photoperiodism is associated with what plant necessity?

- CH 7
- A Hours of daylight
  - B Hours of darkness
  - C Ability to perform photosynthesis
  - D Ability to reproduce

The flowering response to the number of hours of uninterrupted darkness is known as photoperiodism. →B

**61** What is a plant that flowers over a range of daylight hours called?

- CH 7
- A Day-neutral plant
  - B Long-day plant
  - C Intermediate-day plant
  - D Short-day plant

Plant that are not sensitive to photoperiod are called day-neutral. →A

**62** Strawberries are examples of what kind of fruit?

- CH 7
- A Aggregate fruit
  - B Multiple fruit
  - C Dry fruit
  - D Simple fruit

It is an aggregate →A

**63** Figs are examples of what kind of fruit?

- CH 7
- A Aggregate fruit
  - B Multiple fruit
  - C Dry fruit
  - D Simple fruit

Multiple fruits Ex: Pineapple, figs →B

**64** grapes are examples of what kind of fruit?

- CH 7
- A Aggregate fruit
  - B Multiple fruit
  - C Dry fruit
  - D Simple fruit

Simple fruits Ex: apple, grapes →D

#### Chapter 1: Do It Answer key

1	2
D	C