



Science

Grade 5

First Term 2025 - 2026

October Revision

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Concept One + Two

* طبقاً لأخر تعديل في المادة للعام الدراسي 2025-2026 *



October Revision

(1) Choose the right answers:

Mr. Ahmed Elbasha

1. The of plant absorb water and nutrients from the soil.

- a. roots b. stems c. leaves d. flowers

2. Plants make their food by a process known as

- a. respiration b. absorption c. photosynthesis d. digestion

3. and are from the plant needs that help it make photosynthesis process.

- a. Oxygen - water b. Sunlight - carbon dioxide
c. Water – earthworms d. Nutrients – oxygen

4. Plants take from the air to make its food.

- a. water b. oxygen gas c. carbon dioxide gas d. sugar

5. Water and nutrients are carried from the roots to the leaves through the

- a. stem b. soil c. fruits d. flowers

6. Humans and other animals need to eat to get

- a. oxygen gas. b. energy.
c. carbon dioxide gas. d. soil.

7. Green plants can absorbfrom the soil.

- a. oxygen b. nutrients c. air d. food

8. The main function of roots is

- a. absorbing sunlight b. producing sugar
c. absorbing carbon dioxide gas d. absorbing water and nutrients

9. The plant produces through photosynthesis process that gives it the needed energy to grow.

- a. oxygen gas b. water c. carbon dioxide gas d. sugar

10. Without the plants can't grow well.

- a. insects b. rocks c. sunlight d. moonlight

11. plant has climb stem.

- a. Potato b. Tomato c. Vine d. Pine

12. Sunlight and carbon dioxide gas are collected by plant's to make its own food.

- a. roots b. stems c. leaves d. flowers

13. The plant that is placed in a dark room for days will have

- a. more leaves b. a taller stem
c. pale leaves d. green leaves

14. All these materials are necessary for a plant to make its food, except

- a. sunlight b. oxygen gas
c. water d. carbon dioxide gas

15. There are in the plant's roots that help the plant to get more water and nutrients.

- a. vessels b. root hairs c. stomata d. flowers

16. The kind of stems that extend underground are called stems.

- a. climb b. tuber c. runner d. wood

17. Potato plant has stem.

- a. upright b. climb c. tuber d. runner

18. Stomata are present on plant's to allow air to pass through them.

- a. roots b. stems c. leaves d. flowers

19. can make their own food.

- a. Plants only b. Animals only
c. Humans only d. Plants and some animals

20. Food materials are transported from the leaves to other parts of the plant through

- a. xylem. b. phloem. c. chlorophyll. d. stomata.

21. The tubes that are responsible for moving water and nutrients up the plant's stem are called

- a. roots. b. xylem. c. leaves. d. flowers.

22. The green plants can make their own food through

- a. roots. b. stems. c. leaves. d. flowers.

23. All the following parts are important for plants to make photosynthesis process, except

- a. roots. b. leaves.
c. stems. d. flowers.

24. The green color of plant's leaves is due to the presence of

- a. xylem. b. phloem. c. chlorophyll. d. stomata.

25. Animals and humans need to breathe.

- a. oxygen gas b. carbon dioxide gas
c. water vapor d. sugar

26. Xylem transports water and nutrients from the to the

- a. soil - roots b. roots - stem
c. roots – leaves d. soil - leaves

27. carry blood which is rich in oxygen and glucose from the heart to the body cells.

- a. Arteries b. Veins
c. Lungs and veins d. Brain and veins

28. Blood rich in carbon dioxide gas returns back to the heart through

- a. arteries b. veins c. lungs d. xylem

29. Glucose sugar is transported from the leaves to other parts of the plant through

- a. xylem b. phloem c. roots d. stems

30. in the leaves allow air to enter the plant.

- a. Xylem b. Phloem c. Stomata d. Chlorophyll

31. In plant's leaves, light energy is converted into energy during photosynthesis process.

- a. sound b. electric c. chemical d. kinetic

32. The human system that moves blood through the body is called system.

- a. digestive b. respiratory c. circulatory d. nervous

33. Air enters the human body through the

- a. nose only. b. mouth only.
c. nose and mouth. d. mouth and stomach.

34. The human circulatory system consists of

- a. lungs and heart. b. heart and blood vessels.
c. blood vessels and stomach. d. heart and pancreas.

35. system in plants consists of tubes that water and nutrients move through it.

- a. Digestive b. Respiratory c. Transport d. Nervous

60. A hawk can eat when snakes are completely disappear from an ecosystem.

- a. grasses b. grasshoppers c. mice d. leaves

61. Secondary consumers can eat only

- a. decomposers. b. producers.
c. primary consumers. d. tertiary consumers.

62. In a food chain, there is a found between a producer and a secondary consumer.

- a. decomposer b. predator
c. primary consumer d. tertiary consumer

63. All the following ways help plants to disperse their seeds, except

- a. water b. air c. animal bodies d sunlight.

64. Wind play an important role in dispersing seeds.

- a. small light b. big heavy c. sticky d. floating

✱(2) **Put (√) or (X) :**

1. Plants need water and air only to grow. ()
2. Photosynthesis process takes place in the plant roots. ()
3. Stem of the plant absorbs water from the soil. ()
4. Human, animals and plants need food and water to survive. ()
5. Plants use the energy of the sunlight to make their own food. ()
6. Carbon dioxide gas is one of the plant needs that helps it to grow and survive. ()
7. The plant can make its own food in the absence of water . ()
8. Plants can get their food from the soil through the roots. ()
9. Each part of the plant has a specific function. ()
10. The stem transports water and nutrients from the soil to the plant's leaves. ()
11. A green plant can grow well if it is placed in a dark room for many days. ()
12. Water and carbon dioxide are absorbed by plant's roots to help the plant to grow. ()
13. Green plants can grow in a dark room. ()
14. Leaves of plants collect sunlight and carbon dioxide gas from air. ()
15. When the plant makes photosynthesis process, its leaves become weak and yellow. ()
16. The plant grows in the soil faster than in the wet paper towel. ()
17. Sunlight is very necessary for a plant to survive. ()
18. The plant is fixed in the soil by the help of its roots. ()
19. Plant's stem has hairs that absorb oxygen gas from the air. ()
20. Xylem is important for plants to transfer water from plant's roots to leaves. ()
21. Potato plants have tuber stems. ()
22. Phloem transports food materials from the leaves to other parts of the plant. ()
23. A tree trunk is a type of runner stems. ()
24. Vines have a kind of stems called climb stems. ()
25. Photosynthesis process produces carbon dioxide gas that helps animals and humans to breathe. ()
26. Plants and humans need water and air to live. ()

27. Plants need sunlight, oxygen gas and water to make its own food. ()
28. Chlorophyll helps plant leaves to absorb sunlight to make photosynthesis process. ()
29. Air enters plants through their roots. ()
30. Arteries are vessels in human circulatory system that carry blood rich in carbon dioxide gas. ()
31. The reproductive parts of many plants are flowers. ()
32. Plant's seeds are formed inside the flowers. ()
33. Living organisms need food and gases from the air to survive and grow . ()
34. Human circulatory system consists of the heart and the lungs . ()
35. The heart in the human circulatory system consists of two chambers. ()
36. Phloem transports water and nutrients from the roots to the leaves. ()
37. Tomato seeds are light so they can disperse through air. ()
38. There are many ways of seeds dispersal in nature. ()
39. Coconut seeds can float on water. ()
40. Dandelion seeds have spines, so they stick to animal fur. ()
41. There is no interaction between the components of an ecosystem. ()
42. Hawks do not eat some types of food like plant leaves. ()
43. When living organisms die, all energies that present in their bodies go to the soil. ()
44. There is no energy flow between living organisms that live in seas and oceans. ()
45. Birds eat insects to get their energy. ()
46. All living organisms don't need energy to survive . ()
47. Producers and consumers use carbon dioxide gas for making their food. ()
48. The first link in any food chain is a consumer. ()
49. Recycling nutrients back to the ecosystem is the main function of the consumers. ()
50. Birds are secondary consumers, because they eat insects that feed on plants. ()
51. A hawk can get directly its needed energy by eating beetles. ()
52. Human can eat plants and animals. ()

53. Food web is the interconnected food chains that shows many different feeding relationships. ()
54. In a food chain, the energy can pass from a producer to a nonliving thing then to a primary consumer. ()
55. Hawks, alligators and sharks are predators. ()
56. All living organisms depend on each other to get energy. ()
57. Rebuilding habitats that are damaged is known as restoration ecology. ()
58. All plants need the same way to disperse their seeds. ()

✿ (3) Write the scientific term:

- 1) A gas taken from the air by leaves to help the plant to make its own food. (.....)
- 2) A part of the plant that carries water and nutrients from the roots to the leaves. (.....)
- 3) The gas which is released from plants during photosynthesis process. (.....)
- 4) A liquid substance that plants, animals and human need to survive (.....)
- 5) The process by which the plant can make its own food (.....)
- 6) Narrow holes spread on the surface of plant's leaves that allow gases to move into and out of the plant. (.....)
- 7) It is found in plant's leaves that gives them green color and absorbs energy from the sunlight. (.....)
- 8) A part of the plant that anchors it in the soil. (.....)
- 9) Small structures in the plant's roots that increase the absorption of water and nutrients from the soil. (.....)
- 10) A part of the plant that supports its leaves and flowers. (.....)
- 11) Vessels in plant through which water and nutrients move up from roots to leaves (.....)
- 12) Tubes in the plant that transport food materials from the leaves to other parts of the plant. (.....)
- 13) A community that contains living organisms and nonliving things. (.....)
- 14) A group of living organisms that can live on decaying dead organisms. (.....)
- 15) The consumer that hunts and eats another animal. (.....)
- 16) The process that takes place inside plants through which we can get oxygen (.....)
- 17) It is the primary source of energy for all living organisms on the Earth. (.....)

- 18) type of living organisms that can produce its own food by absorbing sunlight. (.....)
-
- 19) The sugar that is formed inside plants during photosynthesis process. (.....)
-
- 20) Living organisms that both humans and animals need to survive. (.....)
-
- 21) It is a process through which decomposers can recycle nutrients back into the soil. (.....)
-
- 22) It is a model that shows how energy flows from one organism to another in an ecosystem (.....)
-
- 23) The animal that is eaten by another animal (.....)
-
- 24) The human body system that consists of heart and blood vessels. (.....)
-
- 25) It pumps the blood to all the body parts and receives it again. (.....)
-
- 26) Tiny blood vessels that connect arteries to veins. (.....)
-
- 27) Blood vessels carry blood from the heart to all the body parts. (.....)
-
- 28) Blood vessels carry blood from the body parts and return it back to the heart (.....)
-
- 29) Vessels move glucose from the leaves to other parts of the plant (.....)
-
- 30) Parts of the plant that are responsible for reproduction (.....)
-
- 31) The process of producing new plants. (.....)

✱(4) Correct the underline

1	Oxygen gas is absorbed by plant's leaves to make photosynthesis process.	(.....)
2	The plant can absorb more water and nutrients from the soil by the help of xylem that are found in the roots.	(.....)
3	Potato plant has runner stem that extends underground	(.....)
4	The stems that run along the ground are called tuber stems	(.....)
5	Most flowers have wood stems.	(.....)
6	Stomata allow water to move into and out of the plant.	(.....)
7	Chlorophyll in plant's roots absorbs energy from the sunlight.	(.....)
8	Animals and people can't live without carbon dioxide gas to breathe.	(.....)
9	Xylem tubes inside the leaves transport food materials from the leaves to other parts of the plant.	(.....)
10	Brain pumps blood to all the body parts.	(.....)
11	Each of xylem in plants and veins in human are two-ways vessels	(.....)
12	Veins carry blood rich in oxygen and nutrients.	(.....)
13	During photosynthesis process, light energy is transformed into sound energy.	(.....)
14	Plants make glucose during respiration process that provides them with energy.	(.....)
15	Flowers of plants produce root hairs that help the plant to reproduce.	(.....)
16	Coconut seeds disperse by wind .	(.....)
17	Burdock seeds are light seeds.	(.....)
18	Tomato and coconut seeds being eaten by animals and come out with their stool	(.....)

✱(5) Complete the following sentences:

1. All living organisms need to do their activities and to carry out their life processes.
2. Plants produce and during photosynthesis process.
3. Living organisms include consumers and decomposers.
4. Decomposers and depend on producers to get their energy.
5. The most common producers are
6. The light energy of the Sun cannot flow directly to consumers and
7. In a food chain, the energy flows from a consumer to a secondary consumer.
8. The stem carries water and nutrients from the to the of the plant.
9. The plants use the light of to make their own food .
- 10.Plants consist of stem and
- 11.Plants absorb and from the soil
12. Inside the green plant, sunlight allows carbon dioxide to combine with that is absorbed from the soil by plant's
13. In photosynthesis process, green plant gets from air to make its own food and produces that helps us to breathe.
14. There are tiny holes on the plant's leaves called that allow gases to move into and out of the plant.
15. The green color of plant's leaves is due to the presence of that absorbs energy from
16. The presence of in plant's roots help it to absorb more and nutrients from the soil.
17. There are vessels called in the plant that transport water and nutrients from plant's stem to its leaves.
18. Some seeds can be transported from one place to another by floating on water as seeds or traveling by wind as seeds.
19. When living organisms die, their energy is returned to the
20. Hawks attack rabbits to get their energy, while rabbits feed on to get their energy.
21. Arteries carry blood rich in and from the heart to all the body parts.

22. The nutrients and oxygen are transported through the human blood to the body cells by the system.
23. In plant's leaves energy is converted into energy during photosynthesis process.
24. There are three type of vessels in the human circulatory system which are, And
25. Air enters plants through stomata on their, while it enters the human body through and
26. Human circulatory system consists of and
27. The heart in the human circulatory system consists of and
28. The plant makes sugar in its during photosynthesis process.
29. Flowers of the plant produce that help it to

*(6) Choose from column (B) what suits it in column (A):

1

A	B
1. Pine trees	a. have climb stems.
2. Potato plants	b. have runner stems
3. Vines	c. have tuber stems
4. Tree trunks and shrubs	d. have wood stems.
	e. have needles leaves.

1-

2-

3-

4-

2

A	B
1. Roots	a. allow gases to come in and out of the plant.
2. Stems	b. collect sunlight and carbon dioxide gas which combines with water to help the plant to make its own food.
3. Leaves	c. tubes or vessels that move water and nutrients up the plant's stem
4. Xylem	d. absorb water and nutrients from the soil.
5. Stomata	e. transport nutrients and water from the roots to all parts of the plant.
	f. absorb oxygen gas from the soil.

1-

2-

3-

4-

5-

3

A	B
1. Coconut seeds	a. sticking to animal fur.
2. Maple seeds and dandelion seeds	b. floating on water.
3. Burr seeds	c. being eaten by animals
4. Tomato seeds and apple seeds	d. traveling by wind
	e. staying inside flowers without movement

1-

2-

3-

4-

4

A	B
1. Photosynthesis process	a. it produces nutrients which are important for soil fertility.
2. Respiration process	b. it produces light which is important for plants.
3. Decomposition process	c. it produces oxygen gas which is important for breathing.
	d. it produces carbon dioxide gas which is important for plants

1-

2-

3-

✿(7) Give reasons for:

1. Roots have important role in photosynthesis process of plants.

.....

2. Photosynthesis process is important for plants to survive.

.....

3. The presence of hairlike structures in plant's roots.

.....

4. Xylem vessels are important for the plant.

.....

5. The presence of stomata on the surface of plant's leaves.

.....

6. Chlorophyll in plant's leaves has an important role in photosynthesis process.

.....

7. Flowers are important parts for the plant.

.....

8. Seeds of maple or dandelion plants can disperse through wind easily.

.....

9. Burdock seeds can stick to animal fur.

.....

10. Seeds dispersal may take place by animal in two different ways.

.....

11. Sunlight is important for all living organisms.

.....

12. Soil fertility depends on producers to get their energy.

.....

✿(8) What happens if ... ?

1. We put a green plant in a dark room for many days.
.....
2. Plants have no stems.
.....
3. Plants can't get carbon dioxide gas from air.
.....
4. We put a seed of bean in wet soil for many days.
.....
5. A plant is placed in a dark place for many days.
.....
6. The plant doesn't have roots.
.....
7. Plant's leaves don't contain chlorophyll.
.....
8. The plant stops making photosynthesis process for several days.
.....
9. We remove the flowers of a plant.
.....
10. A hawk is placed in an ecosystem that doesn't contain any living organisms except plants.
.....
11. All primary consumers disappear from a certain food chain.
.....
12. All types of decomposers are absent from an ecosystem.
.....

✱ (9) TRY TO ANSWER:

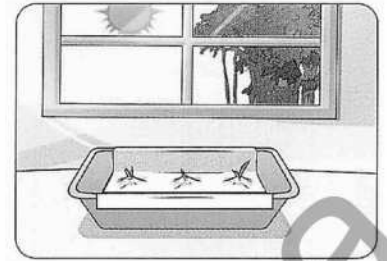
1 Look at the opposite figure, then choose the correct answer :

1. This process is called

(germination - photosynthesis - respiration)

2. Seeds of plant will need to complete its growth after many days.

(soil - water - insects)



2 Study the following food web, then choose the correct answer :



1. Whendisappear from this food web, birds are moving away to search for food in another ecosystem.

- a. butterflies only
- b. worms only
- c. grasshoppers only
- d. primary consumers

2. Grasshoppers may die when there is no

- a. birds.
- b. snakes.
- c. plants.
- d. butterflies.

3 Complete the following sentences by using these words:

(primary consumers - producers - food web - secondary consumer)

1. The interaction among many food chains is known as
2. In any food chain, plants are considered as*
3. If a frog eats an insect that feeds on plants, this means that the frog is a
4. Humans can eat producers and

4 Look at the following figures then complete the following sentences using the words below :

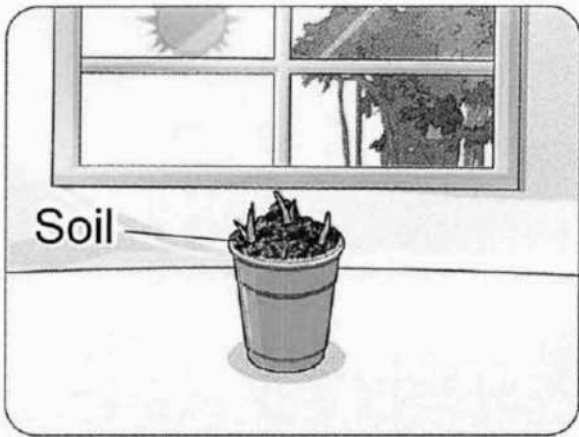


Figure (A)

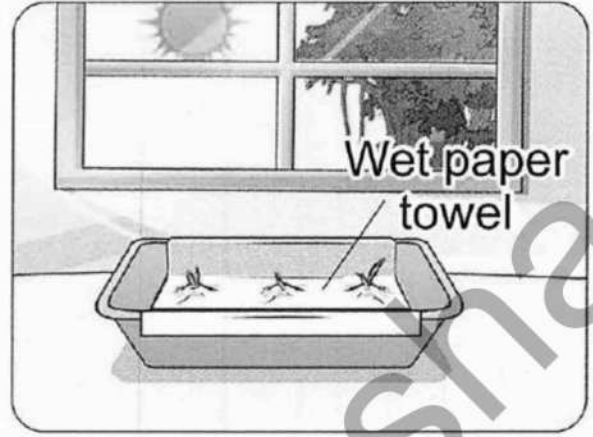


Figure (B)

(soil - figure A - figure B)

1. The seeds in grow faster than those in
2. Seeds in figure(B) should be transferred intoto complete its growth.

Model Answer

*(1) Choose the right answers:

1. A	8. D	15. B	22. C	29. B	36. D	43. C	50. C	57. B	64. A
2. C	9. D	16. B	23. D	30. C	37. D	44. D	51. B	58. D	
3. B	10. C	17. C	24. C	31. C	38. A	45. B	52. D	59. D	
4. C	11. C	18. C	25. A	32. C	39. D	46. C	53. A	60. C	
5. A	12. C	19. A	26. C	33. C	40. B	47. C	54. D	61. C	
6. B	13. C	20. B	27. A	34. B	41. B	48. C	55. C	62. C	
7. B	14. B	21. B	28. B	35. C	42. C	49. B	56. C	63. D	

*(2) Put (√) or (X):

1. (X)	11. (X)	21. (√)	31. (√)	41. (X)	51. (X)
2. (X)	12. (X)	22. (√)	32. (√)	42. (√)	52. (√)
3. (X)	13. (X)	23. (X)	33. (√)	43. (√)	53. (√)
4. (√)	14. (√)	24. (√)	34. (X)	44. (X)	54. (X)
5. (√)	15. (X)	25. (X)	35. (X)	45. (√)	55. (√)
6. (√)	16. (√)	26. (√)	36. (X)	46. (X)	56. (√)
7. (X)	17. (√)	27. (X)	37. (X)	47. (X)	57. (√)
8. (X)	18. (√)	28. (√)	38. (√)	48. (X)	58. (X)
9. (√)	19. (X)	29. (X)	39. (√)	49. (X)	
10. (√)	20. (√)	30. (X)	40. (X)	50. (√)	

*(3) Write the scientific term:

1. Carbon dioxide	10. Stem	19. Glucose	27. Arteries
2. Stem	11. Xylem	20. Plants	28. Veins
3. Oxygen	12. Phloem	21. Decomposition	29. Phloem
4. Water	13. Ecosystem	22. Food chain	30. Flowers
5. Photosynthesis	14. Decomposer	23. Prey	31. Reproduction
6. Stomata	15. Predator	24. Circulatory system	
7. Chlorophyll	16. Photosynthesis	25. Heart	
8. Root	17. Sun	26. Blood capillary	
9. Root hair	18. Producers		

*(4) Correct the underline:

- Carbon dioxide
- Root hair
- Tuber
- Runner
- Upright
- Gases
- Leaves
- Oxygen
- Phloem
- Heart
- One way
- Arteries
- Chemical
- Photosynthesis
- Seeds
- Water
- Sticky
- Appel

*(5) Complete the following sentences:

1. Energy
2. Oxygen – sugar
3. Producers
4. Consumer
5. Plants
6. Decomposer
7. Primary
8. Roots – leaves
9. Sun
10. Root – leaves
11. Water – nutrients
12. Water – roots
13. Carbon dioxide – oxygen
14. Stomata
15. Chlorophyll – sun
16. Root hair – water
17. Xylem
18. Coconut – maple
19. Soil
20. Grass
21. Oxygen – nutrients
22. Circulatory
23. Light
24. Veins – blood capillary
25. Leaves – mouse – nose
26. Heart – blood vessels
27. Two atria – two ventricle
28. Leaves
29. Seeds – reproduction

*(6) Choose from column (B) what suits it in column (A) :

1	1. e	2. c	3. a	4. d	
2	1. d	2. e	3. b	4. c	5. a
3	1. b	2. d	3. a	4. c	
4	1. c	2. d	3. a		

*(7) Give reasons for:

1. Because they help the plant to absorb water and nutrients from the soil.
2. Because it helps the plant to make its own food.
3. To increase the amount of absorbed water and nutrients that the plant needs.
4. Because they transport water and nutrients from roots to the plant's leaves.
5. To allow gases to move into and out of the plant.
6. Because chlorophyll absorbs the energy from sunlight that helps the plant to make photosynthesis process.
7. Because flowers produce seeds for the plant that help it to reproduce.
8. Because they are light seeds.
9. Because their seeds are spiny seeds.
10. Because seeds can stick on animals fur or being eaten by animals and come out with their stool.
11. Because it is absorbed by the plants leaves to make their own food and grow, then humans and animals eat these plants.
12. Because decomposers return nutrients of dead organisms back to the soil.

تطبيق



مذكرات جاهزة للطباعة

لتحميل الملفات التعليمية مجاناً للمعلم والطالب

مذكرات وملازم / مراجعات وملخصات / امتحانات / كتب الوزارة /
أدلة المعلم / دفاتر التحضير / سجلات مدرسية / أوراق تأسيس

امسح الكود بموبايلك علشان تقدر تثبت التطبيق

وتقدر ف أي وقت تحمّل ال نفسك فيه ببلاش

هيغنيك عن البحث والجروبات والقنوات الكثيرة

