



# Science

## Grade 5

*First Term 2022 - 2023*

# Final Revision

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\* طبقاً لأخر تعديل في المادة للعام الدراسي 2022-2023



# Final Revision

\*(1) **Choose the right answer:**

**Mr. Ahmed Elbasha**

1. **Decomposers can get their energy from .....**

- a. living things      b. soil and water      c. dead organisms      d. the sun

2. **In this food chain (Grass → rabbit → hawk), if the rabbits disappear, ..... will increase.**

- a. Grass      b. hawks      c. a and b      d. no correct answer

3. **In this food chain (Acacia tree → giraffe → Lion).**

**The symbol (→) represents the flow of .....**

- a. pollution      b. force      c. energy      d. motion

4. **Healthy desert ecosystems always require ..... from time to time.**

- a. strong winds      b. heavy rain      c. gentle rain      d. floods

5. **Heavy rain may ..... the desert ecosystem.**

- a. improve      b. benefit      c. harm      d. restore

6. **If the grass is removed from an ecosystem, ..... will die first.**

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

7. **When the number of predators increases, the number of ..... decreases.**

- a. producers      b. other predators      c. decomposers      d. prey

8. **All the following examples represent bad human activities, except .....**

- a. Overfishing      b. air pollution      c. floods      d. plastic pollution

9. **Nutrients are recycled back into the ecosystem by the .....**

- a. predators.      b. prey      c. consumers      d. decomposers

10. **If the number of primary consumers increases so much, ..... will disappear.**

- a. Producers      b. Decomposers      c. secondary consumers      d. tertiary consumers

11. **If the climate change was suitable, the living organisms will .....**

- a. die      b. migrate      c. survive      d. extinct

**12..... live on the tops of mountain cliffs and depend on fish as their main source of food.**

- a. Eagles                      b. Hawks                      c. owls                      d. seabirds

**13.The migration of microorganisms to a new habitat is due to the increase of .....**

- a. the air temperature                      b. The water temperature  
c. the number of seabirds                      d. the number of fish

**14.Increasing water temperature may cause all the following, except .....**

- a. increasing microorganisms                      b. coral bleaching  
c. migration of fish                      d. death of some seabirds

**15.If the turtle sees a plastic piece, the turtle will .....**

- a. avoid it                      b. escape quickly  
c. begin to eat it                      d. digest it

**16..... is one of the best ways to protect the marine ecosystem.**

- a. Throwing sewages in seas                      b. Using plastics for single use  
c. Breaking plastics                      d. Recycling plastics

**17.Micro-plastics are formed by the effect of the .....**

- a. air                      b. sun                      c. water                      d. soil

**18..... is an area in the ocean where the small pieces of corals are nurtured.**

- a. Coral reefs                      b. The nursery                      c. Protectorate                      d. Garden

**19..... is one of the ways done by coastal communities to reduce plastic pollution.**

- a. Replacing wooden forks with plastic ones                      b. Using grocery plastic bags  
c. Using single-used plastics                      d. Using cloth bags

**20.If the number of ....., the grass will increase in the ecosystem.**

- a. Decomposers decreases                      b. producers increases  
c. Primary consumers increases                      d. primary consumers decreases

**21..... are the top predators in their food chain.**

- a. Frogs                      b. Birds                      c. Alligators                      d. Butterflies

**22.All the following organisms depend on another organism to get their energy, except .....**

- a. predators                      b. prey                      c. green plants                      d. b and c

**23. A population change refers to the increase or decrease in .....**

- a. water and food resources  
b. the weather temperature  
c. number of living organisms  
d. the water temperature

**24. Which matter has a definite shape? .....**

- a. Water  
b. ice  
c. oil  
d. air

**25. Anything that has mass and occupies space is called .....**

- a. energy  
b. force  
c. matter  
d. weight

**26. Any matter exists in ..... state(s).**

- a. One  
b. two  
c. three  
d. four

**27. All matter around us consist of .....**

- a. Cells  
b. particles  
c. nutrients  
d. proteins

**28. Matter can be described by .....**

- a. Hardness  
b. color  
c. shape  
d. all the previous

**29. Which of the following examples isn't a matter? .....**

- a. Bird's feathers  
b. Cup of water  
c. Empty cup  
d. Bird sound

**30. .... are same matters, but they exist in the different states.**

- a. Wood and brick  
b. Oxygen and water  
c. Oil and tea  
d. Ice and water vapor

**31. Tiny particles inside ..... move very freely.**

- a. Water  
b. air  
c. wood  
d. ice

**32. Thermometer can be used to know the ..... of water.**

- a. Shape  
b. color  
c. temperature  
d. weight

**33. Water is described by all of these properties, except .....**

- a. We can pour it  
b. it occupies space  
c. It has a definite shape  
d. It takes the shape of the container

**34. Plants take ..... from the air to make its own food.**

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

**35. A community that includes living organisms and non-living things is known as .....**

- a. digestive system.  
b. respiratory system.  
c. ecosystem.  
d. vascular system.

**36. When the marine habitats are destroyed, the number of living organisms in their food webs is .....**

- a. increased.      b. decreased.      c. not changed.      d. doubled.

**37. The primary source of energy for all living organisms on the Earth, is .....**

- a. the Sun.      b. green plants.      c. glucose sugar.      d. photosynthesis process.

**38. Steel is used in making hammers, because it is .....**

- a. flexible.      b. smooth.      c. hard.      d. transparent.

**39. The volume of one liter of water has a mass of .....**

- a. one gram.      b. one kilogram.      c. one milliliter.      d. one cubic centimeter.

**40. When the water is heated, its particles .....**

- a. move slower.      c. move with the same speed.  
b. move faster.      d. do not move.

**41. Salt can be separated by ..... of salty water.**

- a. melting      b. evaporation      c. freezing      d. condensation

**42. In plant's leaves, light energy is converted into ..... energy during photosynthesis.**

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

**43. Which of the following matter has a definite volume and shape ? .....**

- a. Water.      b. Milk.      c. Ice.      d. Air.

**44. Which of the following living organisms can make their own food? .....**

- a. Hawks.      b. Mice.      c. Pine trees.      d. Caracals.

**45. A snake is a predator for mice, while snake is considered as a prey for .....**

- a. rabbit.      b. frog.      c. eagle.      d. deer.

**46. Oil takes the ..... of its container.**

- a. volume      b. shape      c. color      d. mass

**47. Condensation changes the matter from ..... state to ..... state.**

- a. . solid - liquid      b. liquid - gas      c. gas - liquid      d. liquid - solid

**48. We can measure the volume of a liquid by all the following units except .....**

- a. kilogram.      b. milliliters.      c. cubic centimeters .      d. liters.

**49. Among chemical changes which is occurred in cooking is .....**

- a. cutting vegetables.
- b. boiling of water.
- c. melting of chocolate.
- d. baking a cake.

**50. Many insects are considered as .....**

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

**51. To separate sand from water, we can use ..... process.**

- a. filtration
- b. evaporation
- c. melting
- d. freezing

**52. The ..... of plant get water and nutrients from the soil.**

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

**53. All of the following are from the physical properties of matter except**

- a. texture
- b. temperature
- c. density
- d. rusting

**54. The parts of the plant that absorb sunlight to complete the process of photosynthesis are .....**

- a. stems
- b. leaves
- c. root hairs
- d. flowers

**55. Which of these options could be the correct order of a food chain? .....**

- a. Mouse → Hawk → Snake → Grass
- b. Grass → Rat → Hawk → Snake
- c. Grass → Locust → Frog → Snake
- d. Locust → Mouse → Snake → Nest

**56. .... are organisms responsible for returning nutrients into the soil.**

- a. Producers
- b. Consumers
- c. Decomposers
- d. Autotrophs

**57. Which of the following is not a physical change of matter? .....**

- a. Cutting paper
- b. Dissolving sugar in water
- c. Producing yogurt from milk
- d. Recycling paper

**58. Matter that does not have a fixed volume and does not have a fixed shape is a .....**

- a. solid
- b. liquid
- c. gas
- d. wood

**59. The ecosystem consists of .....**

- a. living organisms only
- b. non-living things only
- c. living organisms and non-living things
- d. No correct answer.

**60.Plants use energy from ..... to make their own food.**

- a. batteries                      b. fire                      c. sunlight                      d. wind

**61.Matter is .....**

- a. only liquids                      b. anything that has mass and takes up space  
c. only water in different states                      d. only solids

**62.Which of the following materials has a fixed shape and a fixed volume? .....**

- a. Solid                      b. Liquid                      c. Gas                      d. All the previous answers

**63.Electric wire is usually made up of copper, .....**

- a . because copper is a bad conductor of heat  
b. because copper is a good conductor of heat  
c. because copper is a bad conductor of electricity  
d. because copper is a good conductor of electricity

**64..... is the gaseous state of water .**

- a. Ice                      b. Vapor                      c. Water                      d. Wax

**65.The stomata exist on in the plant .....**

- a. stems                      b. leaves                      c. root hairs                      d. stems and . leaves

**66.Plants make their own food through a ..... process**

- a. reproduction                      b. photosynthesis                      c. germination                      d. respiration

**67.The particles of matter are very close to each other in the ..... state .**

- a. solid                      b. liquid                      c. gaseous                      d. All the previous answers

**68..... is a community of living organisms, non-living things, and the environment.**

- a. Habitat                      b. Ecosystem                      c. Food web                      d. Food chain

**69.Plants are ..... that get energy from the sun to make their own food .**

- a. decomposers                      b. consumers                      c. producers                      d. non-living

**\* مواعيد البث المباشر علي يوتيوب ص 25 \***

**\*(2) Complete the following using the words between the brackets:**

1. Rabbits die quickly when ..... disappear from the ecosystem.  
( hawks – grasses )
2. .... water is suitable for microorganisms.  
( Cold – Warm )
3. Corals ..... the seawater to get their food.  
( absorb – filter )
4. Gentle rain may ..... the desert ecosystems.  
( benefit – harm )
5. Habitat loss may ..... the ecosystems.  
( benefit – harm )
6. Heavy rain may ..... the desert ecosystems.  
( improve – destroy )
7. Habitat restoration may ..... the ecosystems.  
( benefit – harm )
8. Habitat loss for any living organism make them .....  
( go extinct – survive )
9. Decomposers recycle nutrients to .....  
( soil – air )
10. Coral bleaching means the coral color turns to .....  
( red - white )
11. Algae in the marine food web are considered as .....  
( consumers – producers )
12. The amount of rainfall has a strong effect on the ..... ecosystem.  
( marine – desert )
13. Examples of the decomposing organisms are .....  
(plants and algae - fungi and bacteria)
14. Melting a piece of wax is a ..... change.  
(Physical - chemical)
15. A ..... is used to measure the dimensions of your class.  
(measuring tape - measuring cup)

16. The states of matter depend on the arrangement of ..... in a substance.  
(proteins - particles)
17. The consumer eaten by another animal is called a .....  
(predator - prey)
18. We can separate the mixture of ..... by filtering .  
(water and salt - sand and water)
19. From the units used to measure mass is .....  
(kilogram - liter)
20. The ..... feeds on the remains of dead organisms.  
(producer - decomposer)
21. The gas which is produced from the photosynthesis process is .....  
(oxygen - carbon dioxide)
22. The temperature of boiling water is measured by a .....  
(scale - thermometer)
23. When liquid water is placed in the refrigerator, the movement of particles becomes  
.....  
(slower - faster)
24. Stomata allow air rich in ..... to be released from the leaves.  
(oxygen - carbon dioxide)
25. Any food chain begins with producers and ends with .....  
(producers - decomposers)
26. Scientists use ..... to study phenomena that might be difficult to observe directly.  
(models - reports)
27. Any food chain begins with a .....  
(producer - decomposer)
28. .... has a bad effect on ecosystem.  
(Drought - Recycling)
29. The boiling point of water is .....  
(0°C - 100°C)
30. Particles of a matter are in a ..... state.  
(motion - static)

31. Heavy rains ..... the desert habitat.

(develop - destroy)

32. The particles of ..... vibrate only and do not move from their places.

(solids - gases)

33. Throwing plastic in water is one of the ..... impacts of human activities.

(positive - negative)

34. We can reduce the amount of plastic in aquatic ecosystems by .....

(increasing use - recycling)

35. .... is the measure of how fast the particles move in a substance .

(Mass - Temperature)

36. In celebration , balloons are filled with helium gas because it has ..... than the air

(less density - more density)

37. In many food chains, the rabbit is an example of .....

(first consumers - third consumers)

38. Snow differs from water in .....

(Composition - physical state)

39. The mixture of sand and water can be separated by .....

(Filtration - magnet)

40. Green plants can be classified as .....

(Producers - decomposers)

41. Water vapor is an example of a substance in the..... state.

(Liquid - gaseous)

احرص علي حضور البث المباشر والاشتراك في القناة

**\* (3) Write the scientific term :**

- 1) Organisms that return the energy back to the ecosystem (.....)

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- 2) A bird that builds its nest on the top cliff and depends on fish to get its energy (.....)

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- 3) A process in which humans can make new products from waste materials (.....)

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- 4) A phenomenon that causes the coral to turn completely white (.....)

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- 5) Rays coming from the sun that cause the formation of microplastics (.....)

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- 6) The number of living organisms of one species (.....)

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- 7) Small pieces of plastic that formed due to the UV of the sun falling on it. (.....)

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- 8) The increase or decrease in the number of living organisms (.....)

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- 9) The harm that affects air, water, or soil due to human activities (.....)

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- 10) It is the returning of land and water back to how they were before harm was done (.....)

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- 11) It is an area in the ocean where the small pieces of corals are nurtured (.....)

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- 12) Anything around us that has mass and occupies space (.....)

---

- 13) A state of matter in which matter has a definite shape (.....)

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- 14) A state of matter that can be poured in a container (.....)

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- 15) A device that is used to measure the temperature of milk (.....)

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- 16) A process in which ice changes into water (.....)

- 17) A process in which water changes into ice (.....)
- 
- 18) The animal that is eaten by another animal. (.....)
- 
- 19) The liquid substance that plants, animals and human need to survive. (.....)
- 
- 20) A part of the plant that fix it in the soil. (.....)
- 
- 21) It is a process by which a matter is changed from solid to liquid state. (.....)
- 
- 22) The property of matter which is measured by the measuring cup. (.....)
- 
- 23) A model of the whole world that is made in the shape of a large ball. (.....)
- 
- 24) They are consumers which feed on secondary consumers. (.....)
- 
- 25) They are changes in matter which are usually reversible and don't affect its structure. (.....)
- 
- 26) It is the process by which matter changes from liquid state to gas state. (.....)
- 
- 27) A tool is used to measure the length of wall. (.....)
- 
- 28) They are consumers that exist at the top of food chains (.....)
- 
- 29) It is a measure of the amount of matter. (.....)
- 
- 30) It is the process by which matter changes from gas state to liquid state. (.....)
- 
- 31) Parts of the plant where sunlight allows carbon dioxide to combine with water during photosynthesis process. (.....)
- 
- 32) A matter that is formed when two or more materials combine chemically. (.....)

- 33) **Narrow holes spread on the surface of plant's leaves that allow gases to come in and out the plant.** (.....)
- 
- 34) **The property of matter which is measured by the balance.** (.....)
- 
- 35) **The process by which plant can make its own food.** (.....)
- 
- 36) **It is a model that shows a linear set of feeding relationships and energy movement among living things within specific species.** (.....)
- 
- 37) **The substance that gives plants their green color and absorbs sunlight to complete the process of photosynthesis .** (.....)
- 
- 38) **The process of converting a substance from a liquid state to a solid state by cooling.** (.....)
- 
- 39) **It is a form of matter made of two or more different compounds mixed together physically.** (.....)
- 
- 40) **A material that allows heat to pass easily through.** (.....)
- 
- 41) **Plant structures that anchor the plant in the soil.** (.....)
- 
- 42) **Materials that have fixed shapes and take up space .** (.....)
- 
- 43) **It is a change in the shape and the size of the matter only without forming new substance.** (.....)

**\*(4) Complete the following :**

1. Matter is anything that has ..... and occupies space.
2. Matter can exist in three states that are ..... , ..... and .....
3. The particles inside ..... state move very freely.
4. Light and sound are not ..... , but they are considered forms of .....
5. Water has ..... shape and ..... size.
6. Throwing plastic garbage and waste materials into a river causes water .....
7. Without ..... in the leaves of plants, gases can't move in or out of the plant.
8. Melting of wax is a ..... change, while burning of wood is a ..... change.
9. When we heat an ice cream, it ..... and becomes liquid.
10. We can use ..... in making hammers because it is ..... and strong.
11. You can use a ..... to measure the mass of matter, while you can use a .....  
to measure its temperature.
12. An area that provides food, water and shelter to all living organisms which live in it, is  
known as .....
13. In a food chain, the energy flows from ..... consumer to a secondary consumer.
14. Particles of liquid matter can move more faster than ..... matter and move slower  
than ..... matter.
15. In the ..... matter, the volume and shape don't change.
16. Water evaporates when it is exposed to a ..... temperature.

**\* (5) Put ( √ ) or ( X ) :**

1. Heavy rain improves the desert ecosystem more than gentle rain. ( )
2. Energy remains in an ecosystem and it's transferred between its components. ( )
3. Overfishing is one of the most natural events that impact the marine ecosystem. ( )
4. Heavy rain in the desert causes the growth of more producers. ( )
5. The number of prey increases when the number of predators decreases. ( )
6. Increasing the number of primary consumers may make producers disappear. ( )
7. Habitat loss may cause extinction for any species of living organisms. ( )
8. Using plastic grocery bags is better than using cloth bags. ( )
9. Sea turtles and corals are always in danger due to plastic pollution. ( )
10. The state of matter can't be changed from one form to another. ( )
11. Matter exists everywhere around us in nature. ( )
12. The particles in ice move more freely than in water. ( )
13. Water always takes the shape of the container that it is poured in. ( )
14. Matter consists of tiny moving particles. ( )
15. Gases completely fill a closed container, such as when you blow a balloon. ( )
16. Ice melts into water by cooling it. ( )
17. Water has indefinite shape and size. ( )
18. Air enters plants through roots. ( )
19. If coral reefs are destroyed, many marine food chains will be destroyed. ( )
20. When particles of a matter absorb thermal energy, they move slower. ( )
21. Ecosystem can be affected by climate changes, pollution and human activities. ( )
22. Iron spoon is attracted to the magnet. ( )
23. When a solid matter gains thermal energy, it will change into liquid state. ( )
24. We can use thermometer to measure the temperature of a hot cup of tea. ( )
25. If we increase the temperature of some pieces of ice, they will melt. ( )
26. Photosynthesis process takes place in the plant roots. ( )
27. The first link in any food chain is a consumer. ( )

28. The speed of water vapor particles is greater than that of water particles. ( )
29. Light and sound are forms of matter. ( )
30. Liquids don't take the shape of the container that they are placed in. ( )
31. Metal rusts due to chemical changes that occur to the material. ( )
32. Temperature affects the mass of a substance. ( )
33. The measuring tape is used to measure dimensions of the school class. ( )
34. Any substance consists of particles in a state of continuous motion. ( )
35. Air consists of gaseous mixtures. ( )
36. Liquids can be poured, while solids can't. ( )
37. The burning wood can return to its original shape. ( )
38. Both plants and humans need gases to survive. ( )
39. All kinds of matter have the same chemical and physical properties. ( )
40. Veins carry blood rich in carbon dioxide and low in oxygen to the heart. ( )
41. Wood is used in handles of cooking pans, as it is a good conductor of heat. ( )
42. Rusted iron and burning wood are examples of chemical changes . ( )
43. Solids and liquids both have definite shapes. ( )
44. Matter can change from one state to another. ( )
45. In food web, the energy transfers from a primary consumer to a producer. ( )

✱ **(6) Cross out the odd word:**

1. Oil – Milk – Feather – Juice. ....
2. Wood – Ice – Oxygen – Iron .....  
.....
3. Air – Water vapor – Ice – Carbon dioxide. ....
4. Water – Air – Light – Wood. ....
5. Oil - Milk - Water - Wood. ....
6. Roots - Stems - Leaves - Sunlight. ....
7. Water - Gasoline - Gold - Milk. ....

✱ **(7) Correct the underlined words :**

1. Chlorophyll in plant's roots absorbs energy from the sunlight. (.....)  
\_\_\_\_\_
2. Coconut seeds disperse by wind. (.....)  
\_\_\_\_\_
3. Respiration process helps the plant to make its own food. (.....)  
\_\_\_\_\_
4. Due to rising of water temperature, coral reefs turn completely into green. (.....)  
\_\_\_\_\_
5. Tree trunks are climb stems. (.....)  
\_\_\_\_\_
6. There are tiny holes on the stem to allow gases passes into the plant (.....)  
\_\_\_\_\_
7. Plant's leaves help it to be fixed in the soil. (.....)  
\_\_\_\_\_
8. Humans can get their food from air and animals. (.....)  
\_\_\_\_\_
9. Oxygen gas is absorbed by plant's leaves to make photosynthesis process. (.....)

**\*(8) Give reasons for:**

1. Decomposition process is a nature’s recycling factory.

.....

2. Increasing the number of one species of living organisms causes its death.

.....

3. Gentle rain benefits the desert ecosystem.

.....

4. Falling of heavy rain harms the desert ecosystem.

.....

5. Microorganisms in water make the same role of grass in the desert.

.....

6. Sometimes sea turtles feed on plastic pieces.

.....

7. Plastics are so harmful for the marine ecosystem.

.....

8. Restoration process helps to recover ecosystems.

.....

9. Air is a matter.

.....

10. The roof of desert home is made of strong stones.

.....

11. Human needs to eat some animals and plants.

.....

12. Ice is turned into water when it is placed in a warm room.

.....

13. Balloons and blimps filled with helium always rise up in the air.

.....

14. The roof of tropical rainforest home is made of leaves and sticks.

.....

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

.....

**\*(9) What happens if:**

1. Decomposers disappear in an ecosystem.  
.....
2. Increasing the number of secondary consumers.  
.....
3. Grass disappears from an ecosystem.  
.....
4. The number of one species increases so much. (Concerning food resources)  
.....
5. The number of predators increases so much. (Concerning number of prey)  
.....
6. Gentle rain falls in the desert.  
.....
7. Heavy rain falls in the desert.  
.....
8. Water is poured into a cup of water.  
.....
9. Ice cubes are exposed to heat.  
.....
10. Liquid changes into gas (Concerning the speed of particles).  
.....
11. A magnet is put close to an iron nail and a plastic spoon.  
.....
12. The speed of particles of an ice cube when it is exposed to the Sun.  
.....
13. The temperature of a matter if the speed of its particles decreases.  
.....

### \*(10) Matching:

1

Column (A)	Column (B)
1. Gentle rains	a. Harm the desert ecosystem.
2. Heavy rains	b. Reduces Ocean pollution.
3. Overfishing	c. Improve the desert ecosystem.
4. Recycling plastics	d. Destroys the marine ecosystem.

1-

2-

3-

4-

2

Column (A)	Column (B)
1. Photosynthesis	a. Causes death or extinction of living organisms
2. Decomposition	b. Is a way that is used to reduce plastic pollution
3. Zero plastics	c. Means that the coral color turns to white.
4. Habitat loss	d. Releases oxygen in the air.
5. Coral bleaching	e. Recycles nutrients to the soil.

1-

2-

3-

4-

5-

3

Column (A)	Column (B)
1. Matter	a. Is not a matter.
2. Particles	b. Is an invisible form of matter.
3. Sound	c. Exist inside the matter in a continuous motion.
4. Oxygen	d. Exists in three states.

1-

2-

3-

4-

4

Column (A)	Column (B)
1. solid state	a. Has indefinite shape and definite size.
2. liquid state	b. Has definite shape and size.
3. gaseous state	c. Has indefinite shape and size.

1-

2-

3-

5

Column (A)	Column (B)
1. thermometer	a. Is used to measure the height of a boy.
2. balance	b. Is used to measure the temperature of hot tea.
3. measuring tape	c. Is used to measure the mass of fruits.

1-

2-

3-

6

Column (A)	Column (B)
1. Carbon dioxide	a. is a liquid matter.
2. Ice	b. is a gas matter.
3. Gasoline	c. is a solid matter.

1-

2-

3-

7

Column (A)	Column (B)
1. Condensation	a. is the change of water from solid state to liquid state.
2. Melting	b. is the change of water from gas state to liquid state.
3. Freezing	c. is the change of water from liquid state to gas state.
4. Evaporation	d. is the change of water from liquid state to solid state.

1-

2-

3-

4-

8

Column (A)	Column (B)
1. Photosynthesis process	a. it is a process in which the blood carry oxygen to all body parts.
2. Decomposition process	b. it is a process in which the nutrients are returned to the ecosystem.
	c. it is a process through which producers make their own food.

1-

2-

9

Column (A)	Column (B)
1. Photosynthesis process	a. It produces nutrients, which is 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-

**\*(11) Try to answer**

1

Study the following food web, then complete the sentences using the words between the brackets:

a. If the population of rabbits increases, ..... May disappear.



( foxes – grass )

b. The snake is considered a ..... consumer.

( primary – secondary )

c. The rabbit provides energy to the .....

( eagle – grass )

d. If the grass is removed, the mouse and rabbit will .....

( migrate – die )

2

Study the following food web, then complete the sentences using the words between the brackets:

a. Letter ( ..... ) represents the producer.

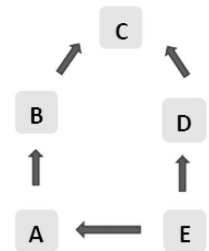
( A – E )

b. Letter ( B ) represents the ..... consumer.

( primary – secondary )

c. Letter ( C ) is the tertiary consumer when it feeds on letter ( ..... )

( B – A )



3

Study the following figure, then answer the questions:

a. What is the name of this phenomenon?

.....

b. Is this a healthy ecosystem? ..... (Yes/No)

c. What is the reason of this phenomenon?

.....



4

**Complete the following sentences using the words below :**

(extinction - overfishing - shelter- toxic -predator)

1. Healthy natural resources include clean air, healthy food, water and suitable .....
2. The human activity that directly decreases the marine population is known as .....
3. Habitat loss does not only cause a decrease in the marine population but also it is one of the main reasons for .....
4. When a sea turtle eats a jellyfish, this means that the sea turtle is a ..... living organism.
5. Plastic waste materials are very harmful to marine organisms, because they are ..... and sharp.

5

**Complete the following sentences using the words below :**

(solid - liquid - gas - space - particles)

1. State of matter that has a definite volume, but it doesn't have a definite shape is .....
2. Volume is the amount of ..... that matter takes up.
3. We can classify the states of matter into liquid, ..... and .....
4. Matter is made up of tiny .....

6

**Complete the following sentences by using the words below :**

(chemical - physical - rough - odor)

1. Both of odor and texture of matter are considered from the ..... properties of matter.
2. You can identify the ..... of a juice by using the sense of smell.
3. We can describe the texture of sugar crystals by saying it has ..... crystal texture.
4. The ability of a piece of iron to rust is from the ..... properties of matter.

7

**Look at the opposite figure, then put (√) or (X):**

1. Label ❶ refers to a matter in liquid state. ....
2. Label ❷ refers to a matter in solid state. ....
3. Label ❸ refers to a matter that its shape and volume don't change. ....
4. Particles of matter ❶ move slower than particles of matter ❸ .....



8

**Complete the following sentences, using the given words:**

(xylem - physical - chemical - gaseous - Liquid - food web - energy)

1. The ..... vessels transport water and nutrients from the root to all parts of plant.
2. .... substance can be poured, and it takes the shape of the container in which it is placed.
3. A person needs more ..... when making physical effort or practicing sports activities.
4. A ..... change of a substance leads to the formation of new substances.
5. A group of interconnected food chains is known as a .....

9

**Mention one use for each of the following:**

1. Thermometer : .....
2. Copper : .....

10

**Look at the opposite figure, then answer:**

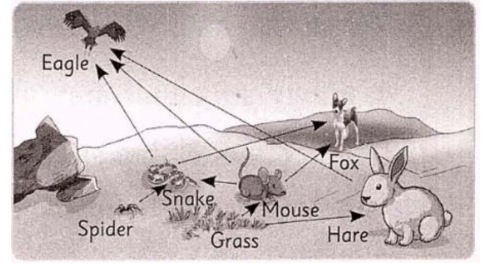
1. The figure expresses the ..... process.  
(predation - decomposition)
2. The prey and predator in this food chain are .....  
(consumers - producers)



11

**Look at the opposite figure, then answer:**

1. The figure expresses ..... ecosystem .  
(deserts - tropical forests)
- 2 . The figure represents a model for a .....  
(food chain - food web)
3. Describe what would happen if grass was removed from this ecosystem .



12

**Classify the following into chemical and physical changes:**

1. Making a chair from wood. ....
2. Burning a piece of paper. ....

**تقدر تحضر البث المباشر علي يوتيوب لحل المزممة في المواعيد الاتية بالترتيب:**

**بث مباشر المراجعات النهائية للصف الخامس الابتدائي ساينس علي قناة مستر احمد الباشا علي يوتيوب :**

1. البث الأول (السبت 2022/12/24) الساعة 7 م
2. البث الثاني (الثلاثاء 2022/12/27) الساعة 7 م
3. البث الثالث (السبت 2022/12/31) الساعة 7 م
4. البث الرابع (الثلاثاء 2023/1/3) الساعة 7 م

**بث مباشر اضافي :**

- الإثنين 2023/1/9 الساعة 4 م
- الثلاثاء 2023/1/10 الساعة 4 م

**ساعة البث المباشر ادخل علي يوتيوب واكتب في البحث (مستر احمد الباشا) وادخل علي القناة والبث دائما في اول نتيجة تظهر لك ولا تنسي والاشترك في**

**القناة**

Mr.Ahmed Elbasha

MrAhmedElbasha • 657@  
ال Science. احلى قناة اسكاز / احمد الباشا لشرح جميع مناهج السابنس لثقت.

# Model Answer

## \*(1) Choose the right answer:

1. C	7. D	13. B	19. D	25. C	31. B	37. A	43. C	49. D	55. C	61. B	67. A
2. A	8. C	14. A	20. D	26. C	32. C	38. C	44. C	50. C	56. C	62. A	68. B
3. C	9. D	15. C	21. C	27. B	33. C	39. B	45. C	51. A	57. C	63. D	69. C
4. C	10. A	16. D	22. C	28. D	34. C	40. B	46. B	52. A	58. C	64. B	
5. C	11. C	17. B	23. C	29. D	35. C	41. B	47. C	53. D	59. C	65. B	
6. B	12. D	18. B	24. B	30. D	36. B	42. C	48. A	54. B	60. C	66. B	

## \*(2) Complete the following using the words between the brackets:

1. Grasses	9. Soil	15. Measuring tape	21. Oxygen	28. Drought	36. Less density
2. Cold	10. White	16. Particles	22. Thermometer	29. 100°C	37. First consumer
3. Filter	11. Producer	17. Prey	23. Slower	30. Motion	38. Physical state
4. Benefit	12. Desert	18. Sand and water	24. Carbon dioxide	31. Destroy	39. Filtration
5. Harm	13. Fungi and bacteria	19. Kilogram	25. Decomposer	32. Solids	40. Producer
6. Destroy	14. Physical	20. Decomposer	26. Models	33. Negative	41. Gaseous
7. Benefit			27. Producer	34. Recycling	
8. Go extinct				35. Temperature	

## \*(3) Write the scientific term :

1. Decomposer	8. Population change	16. Melting point	25. Physical change	35. Photosynthesis
2. Seabird	9. Pollution	17. Freezing point	26. Evaporation	36. Food chain
3. Recycling process	10. Habitat restoration	18. Prey	27. Measuring tape	37. Chlorophyll
4. Coral bleaching	11. Nursery	19. Water	28. Top predator	38. Freezing
5. Ultraviolet rays (UV)	12. Matter	20. Roots	29. Mass	39. Mixture
6. Population	13. Solid state	21. Melting point	30. Condensation	40. Transparent material
7. Microplastics	14. Liquid state	22. Volume	31. Leaves	41. Roots
	15. Thermometer	23. Globe	32. Compound	42. Solid state
		24. Tertiary consumer	33. Stomata	43. Physical change
			34. Mass	

## \*(4) Complete the following :

1. Mass	5. Indefinite – definite	9. Melts	13. Primary
2. Solid , liquid and gas	6. Pollution	10. Iron – Hard	14. Solid – gas
3. Gas	7. Stomata	11. Balance – thermometer	15. Solid
4. Matter – energy	8. Physical – chemical	12. Ecosystem	16. High

## \*(5) Put ( √ ) or ( X ) :

1. (X)	7. (√)	13. (√)	19. (√)	25. (√)	31. (√)	37. (X)	43. (X)
2. (√)	8. (X)	14. (√)	20. (X)	26. (X)	32. (X)	38. (√)	44. (√)
3. (X)	9. (√)	15. (√)	21. (√)	27. (X)	33. (√)	39. (X)	45. (X)
4. (X)	10. (X)	16. (X)	22. (√)	28. (√)	34. (√)	40. (√)	
5. (√)	11. (√)	17. (X)	23. (√)	29. (X)	35. (√)	41. (X)	
6. (√)	12. (X)	18. (X)	24. (√)	30. (X)	36. (√)	42. (√)	

## \*(6) Cross out the odd word:

1. Feather	4. Light	7. Gold
2. Oxygen	5. Wood	
3. Ice	6. Sunlight	

## \*(7) Correct the underlined words :

1. Leaves	3. Photosynthesis	6. Leaves	9. Carbon dioxide
2. Floating on water	4. White	7. Roots	
	5. Wood	8. Plants	

\*(8) **Give reasons for:**

1. Because decomposition process returns nutrients back to the soil again .
2. Because the food and water resources may run out and they will die.
3. Because gentle rain helps producers to grow
4. Because falling of heavy rains may cause floods
5. Because marine microorganisms can make their own food.
6. Because sea turtles can't know the difference between corals and plastic pieces.
7. Because plastic isn't nutritious and it can be toxic and sharp.
8. Restoration process helps in restoring the land and water back
9. Because air has mass and occupy space.
10. To protect them from dust
11. To get energy
12. Because particles of water gain energy and move faster
13. Because helium has less density
14. To protect them from animals getting inside
15. To give leaves green color and absorb sunlight

\*(9) **What happens if:**

1. Dead things would build up, like the trash in landfills
2. The number of primary consumers will decrease.
3. Primary consumers will die
4. Food and water resources will run out and disappear
5. The numbers of prey decrease
6. Producers will grow and the desert ecosystem is improved
7. The desert ecosystem is destroyed
8. Water will take the shape of the container
9. Ice will be changed from the solid state into the liquid state
10. The speed of the particles will increase and they will move very freely
11. The magnet will attract them
12. The speed of particles will increase
13. It can't absorb sunlight
14. The temperature will decrease

\*(10) **Matching:**

- |          |      |      |      |      |
|----------|------|------|------|------|
| <b>1</b> | 1- c | 2- a | 3- d | 4- b |
| <b>2</b> | 1- d | 2- e | 3- b | 4- a |
| <b>3</b> | 1- d | 2- c | 3- a | 4- b |
| <b>4</b> | 1- b | 2- a | 3- c |      |
| <b>5</b> | 1- b | 2- c | 3- a |      |
| <b>6</b> | 1- b | 2- c | 3- a |      |
| <b>7</b> | 1- b | 2- a | 3- d | 4- c |
| <b>8</b> | 1- c | 2- b |      |      |
| <b>9</b> | 1- c | 2- d | 3- a |      |

