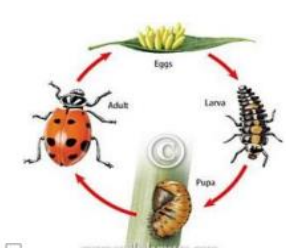
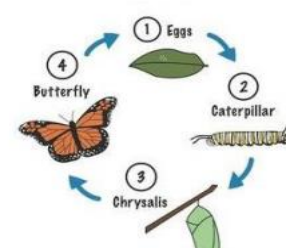
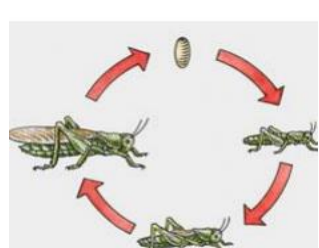


Choose the correct answer

- What is the caterpillar stage of a butterfly called?
a. Pupa b. Middle Age c. Egg **d. larva**
- What do we call a butterfly and frog when they are finished developing?
a. Eggs b. Larva c. Pupa **d. Adults**
- How many stages of metamorphosis does a butterfly have?
a. 3 b. **4** c. 5 d. 6
- Which of these animals lay eggs?
a. **Grasshopper, butterfly, frogs** b. Chicken, human, elephant
c. Giraffes, rabbits, lions d. monkeys, cats, dogs
- The diagrams below represent the life cycles of 3 different insects.

Which of these insects goes through incomplete metamorphosis?

		
complete metamorphosis	complete metamorphosis	incomplete metamorphosis

6. the joining of egg and sperm outside the female's body

- a. **External fertilization** b. Internal fertilization c. metamorphosis

7. the joining of egg and sperm inside the female's body

- a. External fertilization b. metamorphosis c. **Internal fertilization**





8) Which of the following represents the stages of incomplete metamorphosis in the correct order?

- a) nymph --> egg --> adult
b) egg --> larva --> pupa --> adult
c) larva --> nymph --> pupa --> egg
d) **egg --> nymph --> adult**





9) Which of the following represents the stages of complete metamorphosis in the correct order?

- a) nymph --> egg --> adult
- b) egg --> larva --> pupa --> adult
- c) larva --> nymph --> pupa --> egg
- d) egg --> nymph --> adult

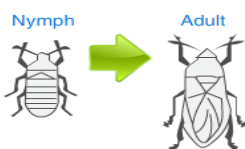
10. look at the pictures below. they show the stages of complete metamorphosis . number the pictures so they are in the correct order, and label each stages .

Stage	Stage	Stage	Stage
			
Name:.....	Name:.....	Name:.....	Name:.....

Answers

Stage : 2	Stage : 3	Stage (1)	Stage :4
			
Name: larva	Name: pupa	Name: eggs	Name: adult

11.How are nymph different from adult insect



- a. They are larger
- b. They reproduce asexually
- c. they have hard outer covering
- d. they lack wings and reproductive structures

12- a series of distinct growth stages that are different from one another is called

- a. Metamorphosis:
- b. photosynthesis
- c. germination

part 2 photosynthesis

Choose the correct answer

1- _____ is the process of making food by plants.

- a. Chloroplast b. **Photosynthesis** c. Leaves d. pollination

2-What raw materials does a plant need for photosynthesis?

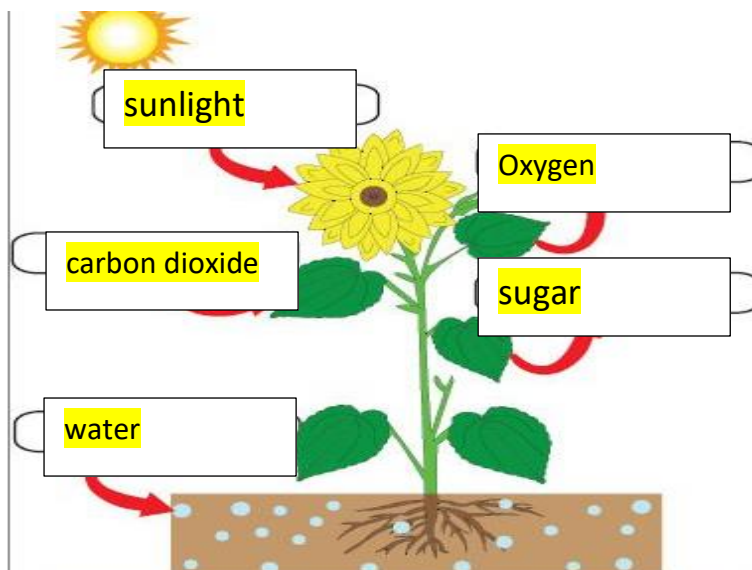
- a) sugar b) nitrogen c) **water** d) oxygen e) **carbon dioxide**

3-What material do plants make during photosynthesis. (products)

- a) **sugar (glucose)** b) nitrogen c) water d) **oxygen** e) carbon dioxide

4-look at the pictures below. It is shows the photosynthesis. label the diagram with words from the word box

يرجى حفظ الكلمات كتابة -



Oxygen
sunlight
water
sugar
carbon dioxide

5- Sunlight is the main source of energy that drives photosynthesis process

True

False

6-Which part of plant cell performs PHOTOSYNTHESIS?

- a. **Chloroplast** b. Mitochondria c. cell wall

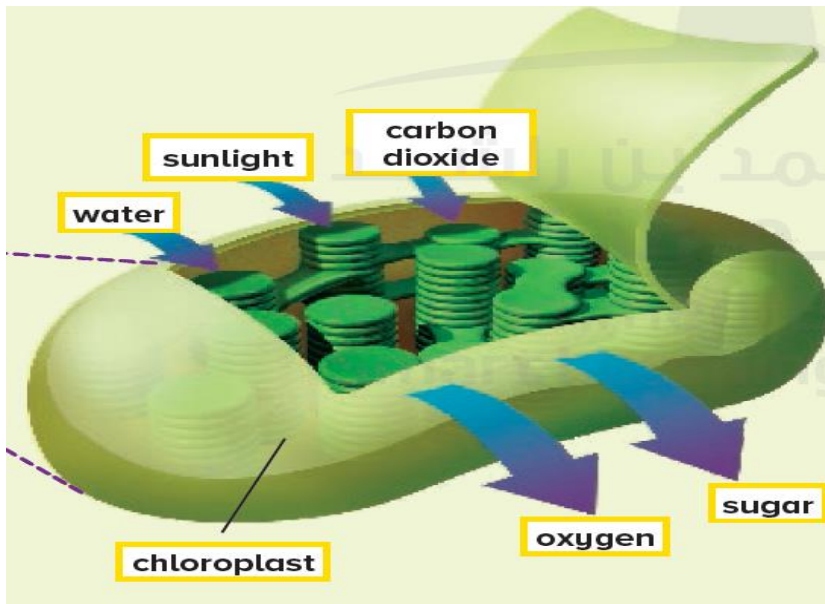
7-The leaf is green because it has Found in Chloroplast

- a. **Chlorophyll** b. Mitochondria c. Xylem d. Phloem

8-Which part captures energy from sunlight ?

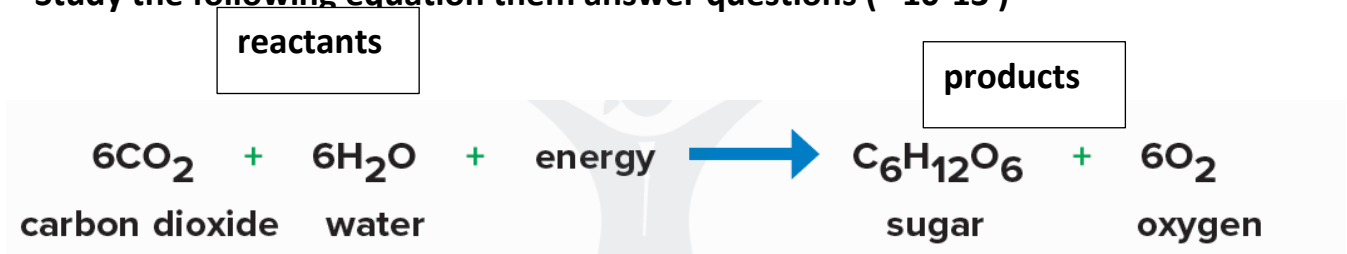
- a. Chlorophyll** **b. Mitochondria** **c. Xylem** **d. Phloem**

9- label the diagram with words from the word box



Oxygen
sunlight
water
sugar
carbon dioxide
chloroplast

*****Study the following equation then answer questions (10-13)**



10- The equation shows which process

- a. photosynthesis process b. transportation process c. respiration process

11-What are the 2 reactants in the photosynthesis process

- a- carbon dioxide and water b. water and energy c . sugar and oxygen

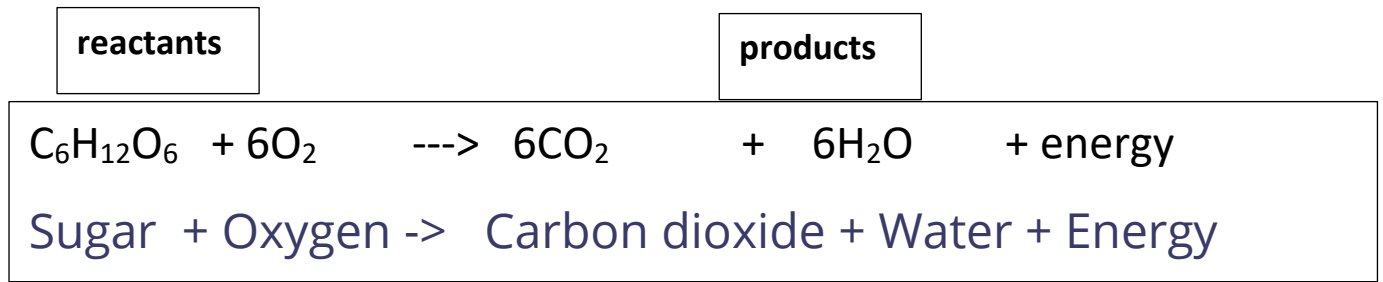
12-What are the 2 products in the photosynthesis process

- a- carbon dioxide and water b. water and sugar c. sugar and oxygen

13-photosynthesis process occurs in :

- a. plants b. animals c. animal and plant

****Study the following equation then answer questions (14-17)



14-The equation shows which process

- a. photosynthesis process b. transportation process c. **respiration process**

15-What are the reactants of cellular respiration ? ما هي المواد اللازمة للتنفس الخلوي ؟

- a. Carbon dioxide and water b. Carbon dioxide and oxygen
c. **Sugar and oxygen** d. Sugar and water

16-What are the products of cellular respiration ? ما هي نواتج التنفس الخلوي ؟

- a. **Carbon dioxide and water** b. Carbon dioxide and oxygen
c. Sugar and oxygen d. Sugar and water

17-All living things (Plant and animal) do which of the following?

جميع الكائنات الحية (النبات و الحيوان) تقوم بعملية

- a. photosynthesis process b. **Respiration process**

18-Water move through tissues

- a. **Xylem** b. Phloem

19-sugar move through tissues

- a. Xylem b. **Phloem**

حفظ الكلمات ومعانيها

Photosynthesis :The process where plants make glucose using light
chloroplasts :green structures inside the leaves which are make the food.
Chlorophyll :a chemical substance in the leaves that give the plant the green color.
Stomata :small holes under the leaf allow gases and water to go in and out leaves

cellular respiration: when the cells of organisms use oxygen to break down the sugars

Transpiration : is the loss of water from plant leaves