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Worksheet Exercises Science الملف

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Answer all questions. Choose the correct answer and write the letter (A, B, C or D) in the answer box.

1. The Bryophyllum plant in Figure 1 is a living thing.

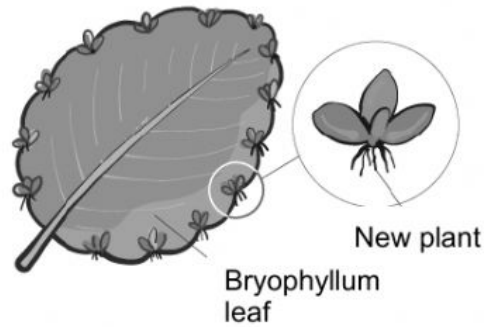


Figure 1

Which of the following characteristics of living things is seen in Figure 1?

- A. Living things breathe.
 - B. Living things die.
 - C. Living things feed.
 - D. Living things reproduce.
2. What is the most common group of animals with backbone?
- A. Fish
 - B. Insects
 - C. Mammals
 - D. Reptiles
3. Ali uses a metal spoon to stir his cup of tea. After a while, he realized that the metal spoon feels hot. What property of metal spoon did Ali observe?
- A. The metal spoon is flexible.
 - B. The metal spoon is a bad conductor of heat
 - C. The metal spoon is a good conductor of heat
 - D. The metal spoon is soluble

4. Teacher Hamizah asks her pupils to observe the animal in Figure 2 below and describe their observation accurately.



Figure 2

Which of the following is the **best** example of a **good scientific observation** for Figure 2?

- A. The animal has scary looking teeth. I think it feeds on chicken.
- B. The animal has sharp teeth. It has dry scaly skin and long tail.
- C. The animal is fat and scary. It has a very ugly long tail.
- D. The animal is fat with sharp teeth. Its skin is dry. It looks hungry.

5. Siti filled a beaker with some water. She then added some more water into the same beaker shown in Figure 3.

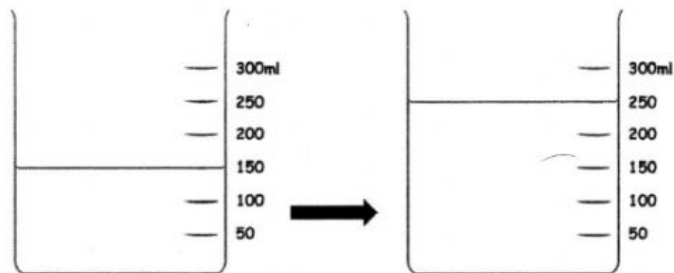


Figure 3

What is the difference in volume after more water is being added?

- A. 100 ml
- B. 150 ml
- C. 250 ml
- D. 450 ml

5. Figure 4 shows a burning candle.



Figure 4

The burning candle gives out _____ and _____.

- I. sound energy
- II. heat energy
- III. light energy
- IV. electrical energy

- A. I and II
- B. II and III
- C. II and IV
- D. III and IV

6. How does a guitar produce sound?

- A. A guitar produces sound when air vibrates inside the guitar.
- B. A guitar produces sound when the body of the guitar vibrates.
- C. A guitar produces sound when the guitar pluck vibrates.
- D. A guitar produces sound when the strings vibrate.

7. Which of the statement **does not** describe the characteristic of most mammals?

- A. Adult mammals breathe through their lungs and skin.
- B. Most mammals give birth
- C. Mammals are warm-blooded animals.
- D. Mammals have hair or fur

8. An organism sheds its body covering and grows new ones. This process is called moulting. At which stage of the life cycle of a butterfly does this take place?

- A. Egg.
- B. Pupa.
- C. Larva.
- D. Adult.

9. Study Figure 5 below. Which one of the following animals can X be?

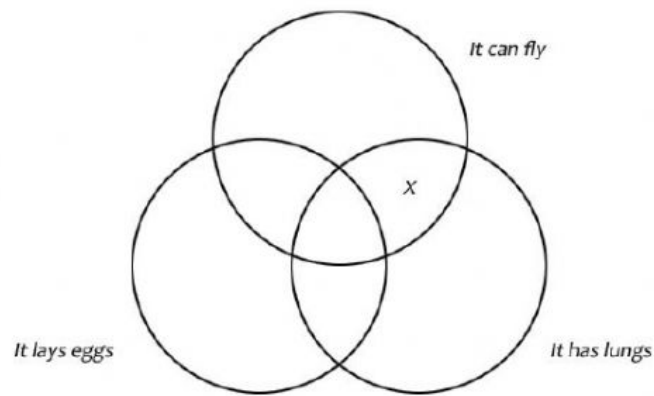


Figure 5

- A. a bat
- B. a cockroach
- C. a sparrow
- D. a toad

10. In Figure 6, what causes heat to produce as Ali rubs both hands together?

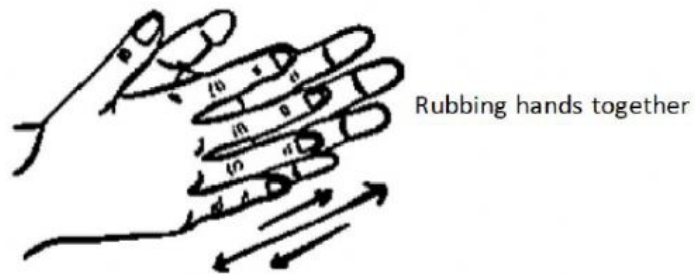


Figure 6

- A. Burning skin
- B. Electricity
- C. Friction
- D. Hot sun

11. Which of the following statements below is **true** about force?

- A. It can be seen.
- B. It can change the shape of an object.
- C. It is a form of matter.
- D. The object will move in one direction only.

12. Study the diagram in Figure 7.

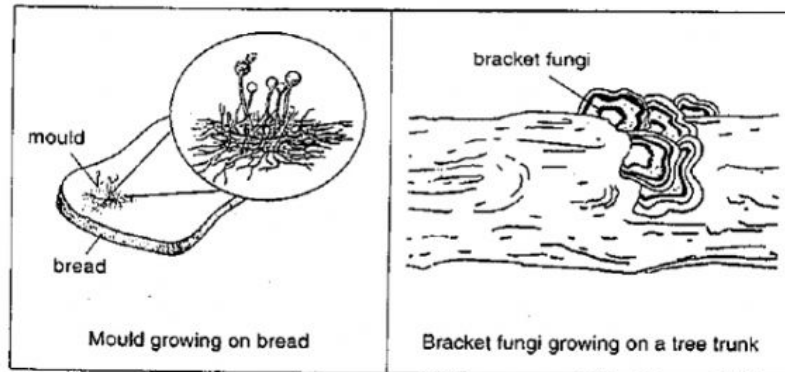


Figure 7

How are the two organisms in Figure 7 similar to each other?

- A. Both of them have roots and leaves.
- B. Both of them make their own food.
- C. They feed on other things for food.
- D. They need sunlight to grow bigger.

13. Influenza is caused by harmful micro-organisms called _____.

- A. daphnia
- B. fungi
- C. germs
- D. penicillium

14. A boy swimming in the pool knocks two metal rods in the water. He can hear the sound because _____.

- A. sound can travel through air.
- B. sound can travel through solid.
- C. sound can travel through liquid.
- D. sound can travel through vacuum

15. Figure 8 shows a mushroom. Which part of the mushroom produce spores?

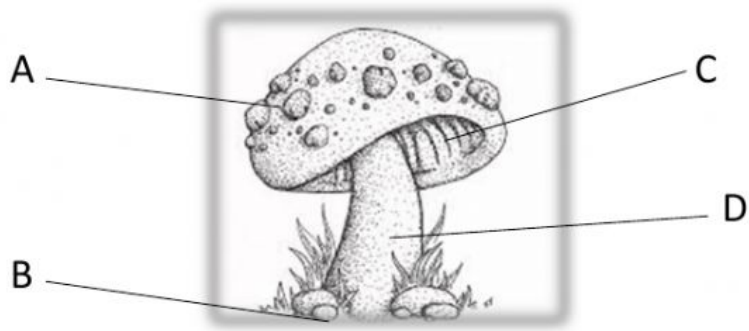
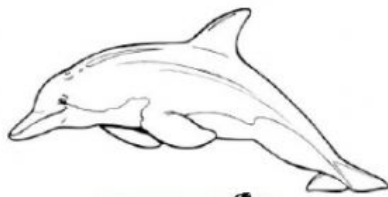


Figure 8

16. Which of the following animals belongs to the fish group?

A.



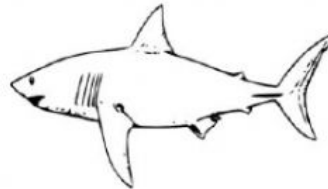
B.



C.



D.



17. Figure 9 shows the life cycle of a grasshopper and butterfly.

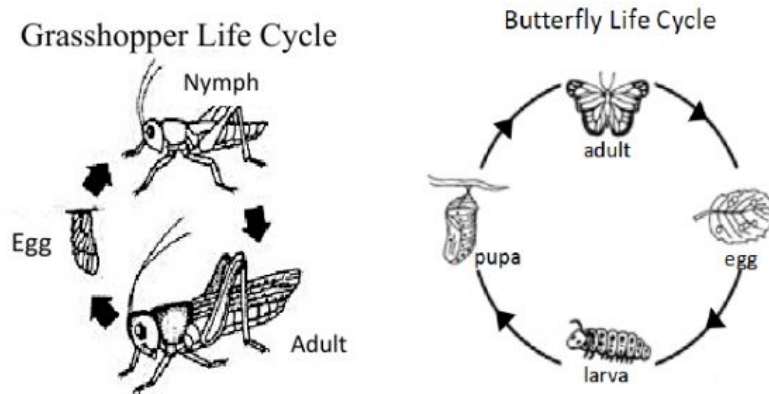


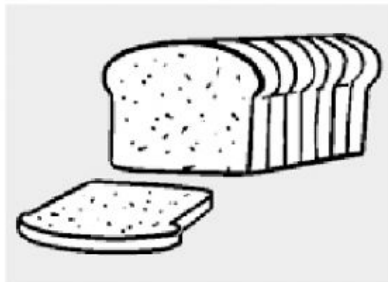
Figure 9

- I. Both lay eggs
- II. Life cycle of a grasshopper has three stages but life cycle of a butterfly had four stages
- III. Grasshopper and butterfly are insects
- IV. Both look like their parents at when the just hatched from the eggs

Which statements above correctly describe the life cycle of a grasshopper and butterfly?

- A. I and IV
- B. I, II and IV
- C. I, II and III
- D. All of the above

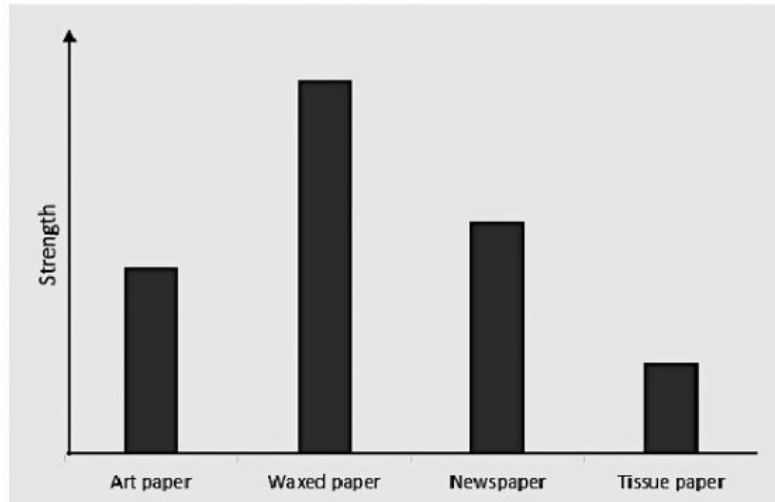
18. The diagram below shows some food.



Which organism is used to make the food shown above?

- A. Bacteria
- B. Yeast
- C. Fungi
- D. Virus

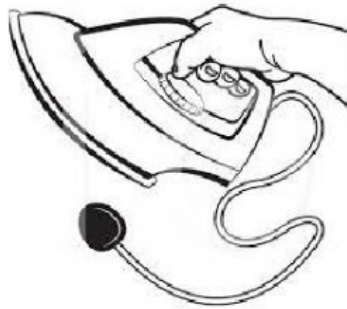
19. The graph shows the strengths of four different types of paper.



Based on the graph, which type of paper is the weakest?

- A. Art paper
- B. Waxed paper
- C. Newspaper
- D. Tissue paper

20. Most iron handles are made of plastics. This is because _____.



- A. Plastics do not change colour easily
- B. Plastics are soft and easy to shape
- C. Plastics are hard and strong
- D. Plastics do not allow heat to pass through easily

21. Which of the following is not a light source?

- A. Lighted bulb
- B. Fireworks
- C. Table
- D. Sun

22. Shadows are formed when the path of light is _____.

- A. blocked
- B. bounced
- C. reflected
- D. mirrored

23. The physical features of five children were recorded in Table 1 below.
A tick (✓) shows the presence of those physical features.

Features	Iskandar	Rafi	Siti	Afiqah	Kerri
Dimples	✓	✓	✓		✓
Double eyelids				✓	✓
Detached Ear lobes		✓		✓	✓
Cleft chin	✓	✓	✓		

Table 1

Which pair of children has the same physical features?

- A. Rafi and Kerri
- B. Siti and Afiqah
- C. Iskandar and Siti
- D. Afiqah and Iskandar