Name: _____ Date: _____

Science Paper 1 (2021)

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

1. We can use our sense of _____ to tell if something is hot or cold.

   A. smell
   B. hearing
   C. touch
   D. taste

2. Which property best describes an object that can be bend together without breaking?

   A. Flexible
   B. hard
   C. Strong
   D. Soluble

3. Which of the following properties of the materials shown in Figure 1 is **correct?**



Figure 1

   A. They are soluble in water.
   B. They are transparent to light.
   C. They are attracted to magnet.
   D. They are good conductor of heat.

4. Which statement is not true about friction?

   A. Friction acts when two surfaces rub against each other.
   B. Friction is greater on a smooth surface than on a rough surface.
   C. Friction prevents objects from moving.
   D. Friction slows down a moving object.

LIVEWORKSHEETS

5. Figure 2 below shows two groups of animals.

Mammal	Fish
Ostrich	Guppy
Goat	Goldfish
Cow	Clown fish
Giraffe	Catfish

Figure 2

Which of the following animal has been wrongly grouped?

A. Cow

B. Ostrich

C. Clown fish

D. Catfish

6. Raihan turned on an electric appliance. He noticed that electrical energy was converted into useful heat energy. Which appliance did Raihan turn on?

A. Fan.

B. Vacuum.

C. Oven.

D. Radio.

7. Heat is measure by _____

A. height.

B. temperature.

C. brightness.

D. weight.

8. The following help conserve wildlife except_____

A. hunting elephants for their valuable tusks.

B. setting aside some land as forest reserve so that plants and animals can be thriving there.

C. releasing young fish back into the sea if they get caught accidentally.

D. breeding endangered animals in captivity to let them multiply.

LIVEWORKSHEETS

9. Study Figure 10 below

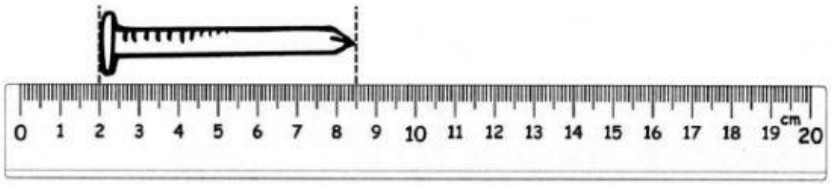


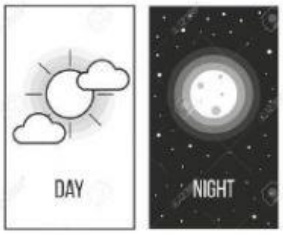
Figure 10

What is the length of the iron nail?

A. 2.0 cm.
B. 7.0 cm.
C. 6.5 cm.
D. 8.5 cm

10. What causes the occurrence of day and night?

a. The revolution of the Earth around the Sun.
b. The rotation of the Earth around the Moon
c. The revolution of the Sun around the Earth.
d. The rotation of the Earth on its axis.



11. Figure 9 shows parts of a flower.

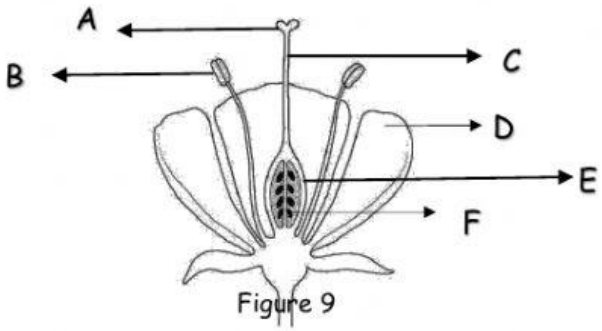


Figure 9

Which parts of the flower are the female parts?

A. E and F only.
B. A and B only
C. A, B, C and D only.
D. A, C, E and F only.

LIVEWORKSHEETS

12. Look and study the diagram in Figure 3.

Why did the dragonfly die in the sealed jar after a day?

A. There is not enough space for it to rest.
B. There is not enough space for it to fly.
C. There is not enough light for it to see.
D. There is not enough air for it to breathe.



Figure 3

13. What is the energy conversion that takes places as Abdul claps his hands?



A. Movement Energy → Stored energy
B. Movement Energy → Sound Energy
C. Stored Energy → Movement Energy
D. Stored Energy → Sound Energy

14. A bar magnet is shown hung freely from a retort stand in Figure 4.

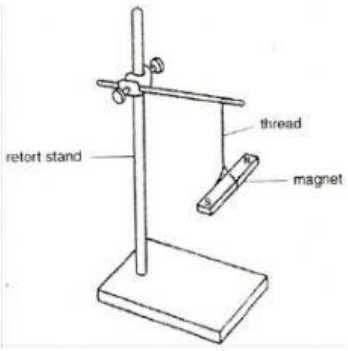


Figure 4

Which direction will the magnet always point to?

A. North-south direction
B. North-west direction
C. South-east direction
D. South-west direction

C. south-east direction

LIVEWORKSHEETS

15. Whales and dolphins can detect sounds in water. This is because_____.





A. Sound is produced when things vibrate.

B. Sound can travel through liquids.

C. Whales and dolphins are sensitive to sound.

D. Sound is getting louder in water.

16. What is the function of the electrical components shown in Figure 5 below?



Figure 5

A. To turn on or turn off the circuit.

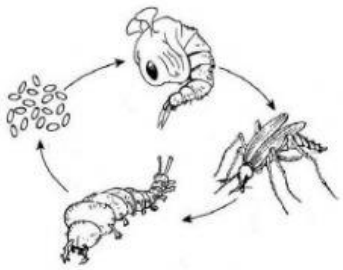
B. To turn on or turn of the bulb.

C. To turn on the circuit.

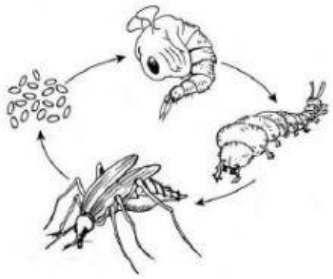
D. To turn off the circuit.

17. Which of the following shows the correct stages in the life cycle of a mosquito?

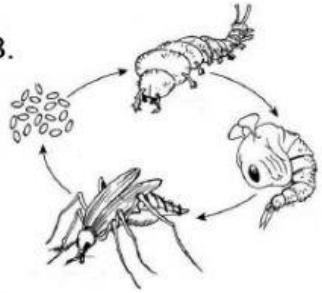
A.



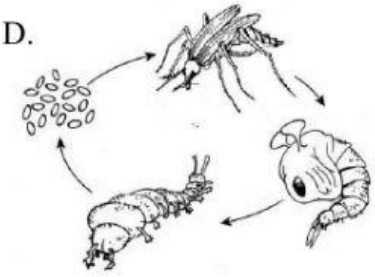
C.



B.

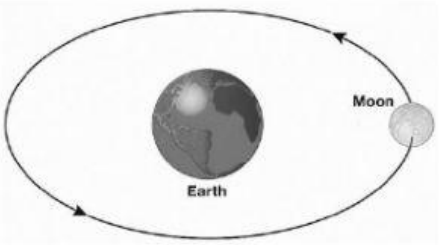


D.



LIVEWORKSHEETS

18. How long does it take for the Moon to revolve around the Earth?



A. 365 $\frac{1}{4}$ days.
B. 24 hours.
C. 28 days.
D. 7 days.

19. Azmi placed a measuring cylinder filled with water outside his house as shown in Figure 6 below. After three days, she observed that the water level has decreased.

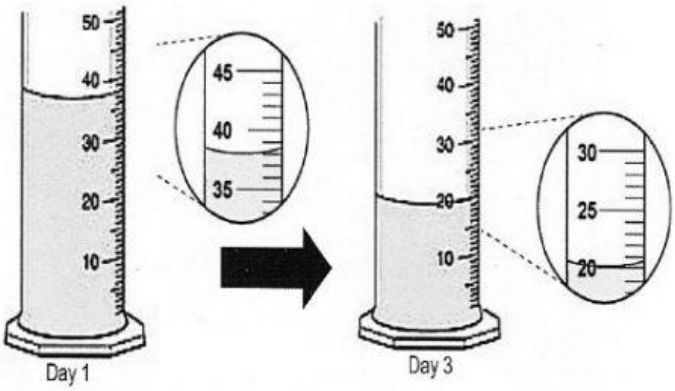


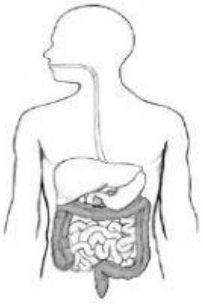
Figure 6

What is the **difference** in the volume of water?

A. 15 ml.
B. 18 ml.
C. 20 ml.
D. 28 ml.

20. Digestion is completed in the _____

A. Gullet.
B. Small intestine.
C. Stomach.
D. Large intestinn



LIVEWORKSHEETS

21. Why do we need to finish antibiotics as prescribed by doctor?

E. To make sure the bacteria is still alive.

F. To make sure all bacteria is killed.

G. To make sure the virus is killed.

H. To make sure you did not waste the antibiotics.



22. Which of the following statement describe the best way to conserve water?

A. Brushing teeth with running water.

B. Use washing machine for one cloth.

C. Use a bucket of water to wash a car.

D. Do not report any dripping tap.

23. Fahmi used the handkerchief of infected person and got a disease in his eyes.

How was the disease spread to him?



A. Spread by air.

B. Spread through food and water.

C. Spread by animals.

D. Spread by physical contact.

24. What is the name of the addictive drug found in cigarette smoke?



A. Tar.

B. Carbon monoxide.

C. Nicotine.

D. Paracetamol.

LIVEWORKSHEETS

25. Which of the animals below carries germs and spreads the disease called dengue?

			
A	B	C	D

26. What are the 3Rs?

A. Refuse, Reduce, Recycle

B. Reduce, Reuse, Recycle

C. Refuse, Reuse, Recycle

D. Redo, Redeem, Reuse



27. Figure 7 shows a way of cleaning the spaces between the teeth and under the gums using

_____

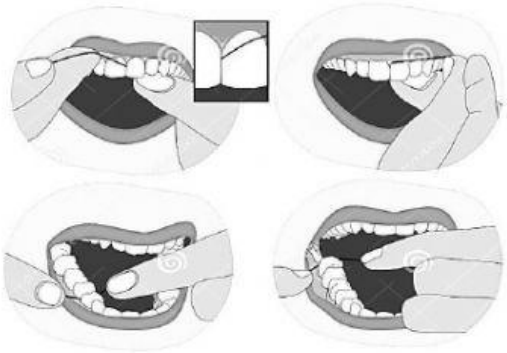


Figure 7

A. Toothpaste

B. Copper wire.

C. Toothbrush.

D. Dental floss.

LIVEWORKSHEETS

28. Figure 8 shows a porcupine. How does it usually protect itself from being eaten?

A. It has sharp teeth to bite bigger animals.
B. It has sharp spines covering its body.
C. It has a tail for swinging on trees.
D. It has long legs for running away.

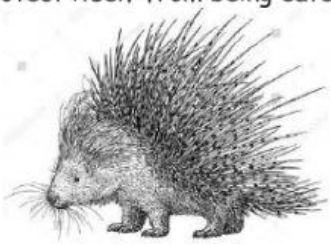


Figure 8

29. How are shadows are formed?

A. They are formed when an object reflects light.
B. They are formed because there is no light source.
C. They are formed when the path of light is blocked.
D. They are formed when an object allows light to pass through it.



30. Which of the following meals should you choose in order to have a more balanced diet in Table 1?

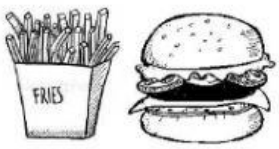
Meal	Breakfast	Lunch	Dinner
A	 Coffee  Chocolate cake	 Fried noodle Vegetables	 Fried chicken  Fruits
B	 Fried Rice  Bubble Tea	 Fried chicken, fruits, chocolate cake	  Beef burger, strawberry ice- cream
C	 Egg, toast bread, milk	 Rice with fish fillet, fruits, vegetables	 Fried rice with chicken, fruits, vegetables
D	  Orange juice, chocolate chip cookies	 French fries, beef burger	 Fried rice with chicken, fruits

Table 1

LIVEWORKSHEETS