

PSR SCIENCE PAPER 1 (YEAR 2019)

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

1. Which of the following is wasting water at home?

- A. Brushing teeth using a glass of water to clean.
- B. Taking a bath using a bucket.
- C. Turn off the taps properly after using them.
- D. Washing the car using a hose.

☐

2. Which is the female part of a flower?

- A. Petal
- B. Pistil
- C. Sepal
- D. Stamen

☐

3. The skull is a part of the human skeleton. Which body organ does it protect?

- A. Brain
- B. Heart
- C. Intestine
- D. Rectum

☐

4. All of the following objects have stored energy except _____

- A. A carpet
- B. A stretched spring
- C. Dry cells
- D. Food

☐

5. Which of the following foods is a good source of Vitamin A?

- A. Bread
- B. Carrot
- C. Honey
- D. Orange



6. Observe Figure 1 carefully. Which of the following is not considered a living thing?

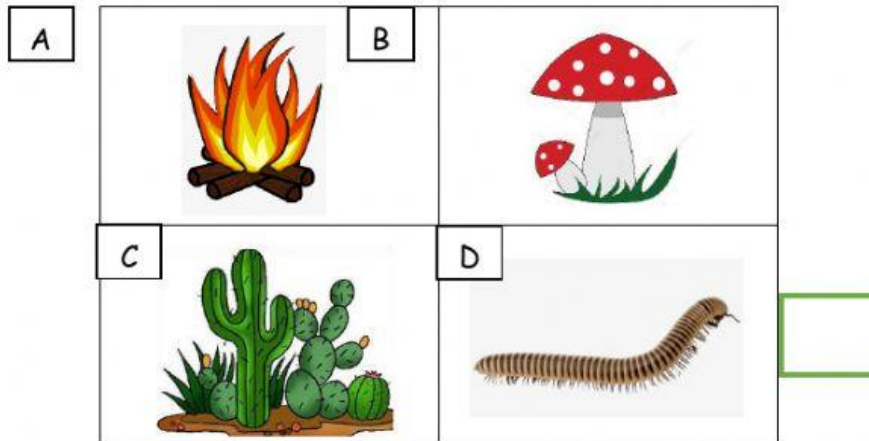


Figure 1

7. Figure 2 shows three electrical appliances.



Figure 2

- A. Electrical energy is changed to heat energy.
- B. Electrical energy is changed to movement energy.
- C. Stored energy is changed to electrical energy.
- D. Sound energy is changed to heat energy.



8. Study the diagram in Figure 3.

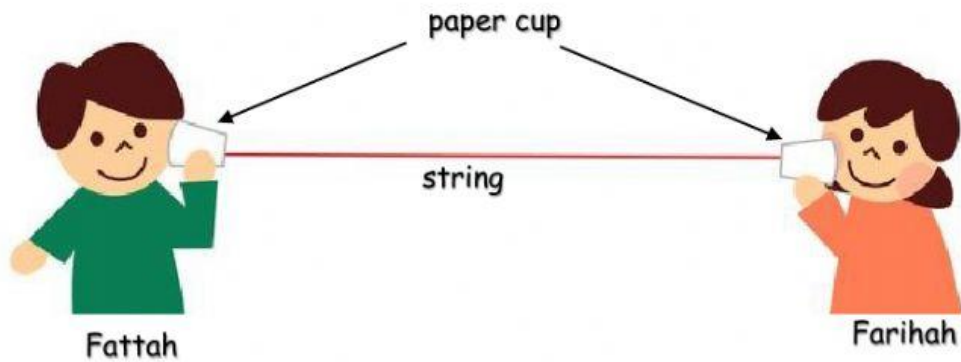


Figure 3

When Fattah speaks into the paper cup, Farihah can hear what he is saying clearly.

What does this experiment show?

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



9. Figure 4 shows a driver using the side mirror to see the car behind her.



Figure 4

Why was the driver able to see the car behind her?

- A. The mirror gives out light to the car behind her.
- B. The mirror blocks light from the car behind her.
- C. The mirror reflects light from the car behind her.
- D. The mirror takes in light from the car behind her.



10. Study the diagram in Figure 5 carefully.

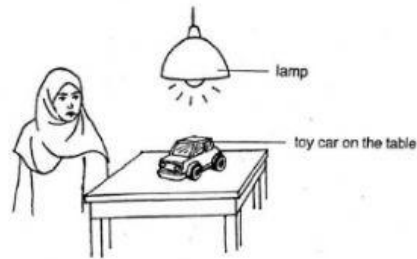
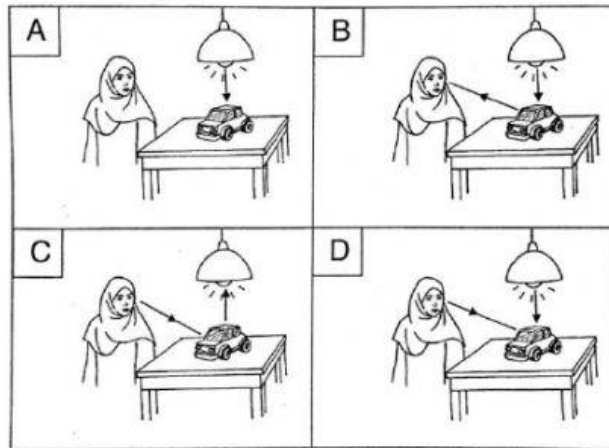


Figure 5

Which of the following explains how Siti can see the toy car on the table?



11. Figure 6 shows a water cycle.

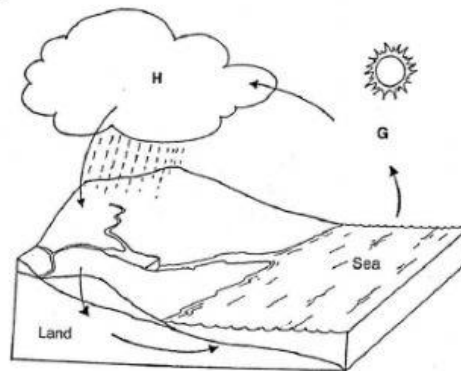


Figure 6

What is happening at H?

- A. Clouds melt into water droplets and falls as rain
- B. Water from the sea evaporates into water vapour
- C. Water from the sea freezes into water vapour
- D. Water vapour condenses into water droplets



12. Study the diagram in Figure 7.



Which of these two substances are soluble when they are stirred in a glass of warm water?

- A. Sand and salt
- B. Sand and cooking oil
- C. Sugar and sand
- D. Sugar and salt



13. Figure 8 shows the different phases of the moon.

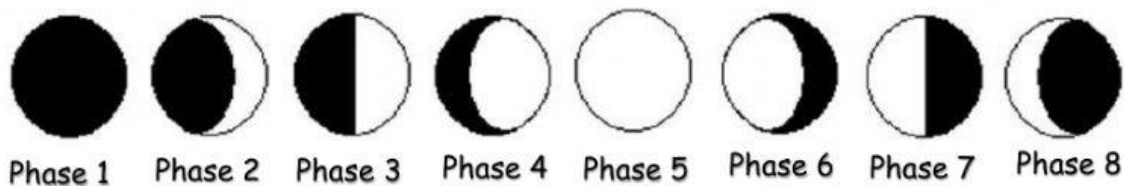


Figure 8

Which phase represents the half moon?

- A. Phase 2 and Phase 8
- B. Phase 3 and Phase 7
- C. Phase 5 and Phase 6
- D. Phase 7 and Phase 8



14. Figure 9 shows a worker using a simple machine to lift up a heavy box.

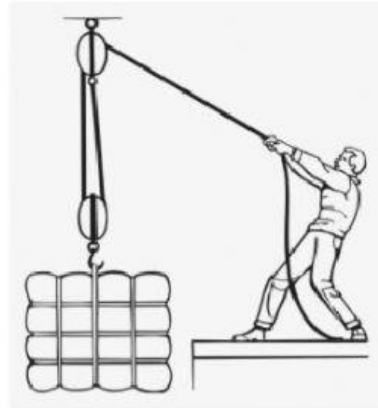


Figure 9

Which type of simple machine is shown in Figure 9?

- A. Gear
- B. Inclined plane
- C. Lever
- D. Pulley



15. Figure 10 shows five balloons representing five planets in the Solar System. The balloons are not arranged in order.

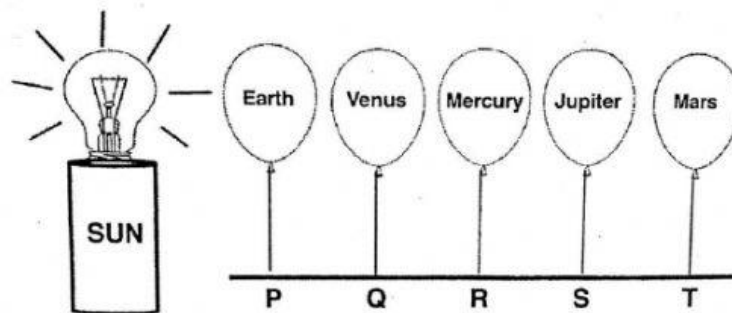


Figure 10

Which of the following shows the correct arrangement, starting from the planet nearest to the Sun?

- A. P, S, R, T, Q
- B. R, Q, P, S, T
- C. R, Q, P, T, S
- D. S, R, P, T, Q



16. Ishak shines a torch at two objects shown in Figure 11.

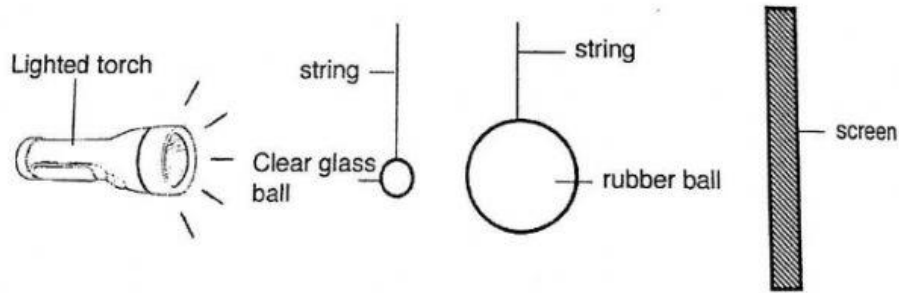
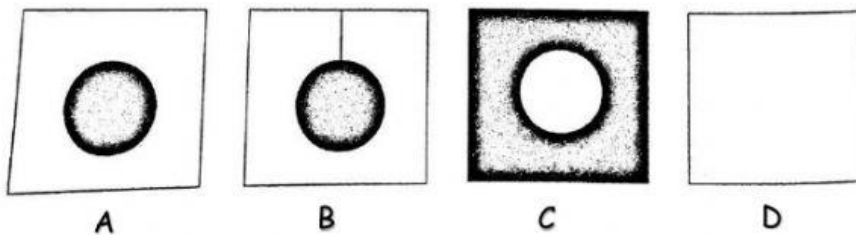


Figure 11

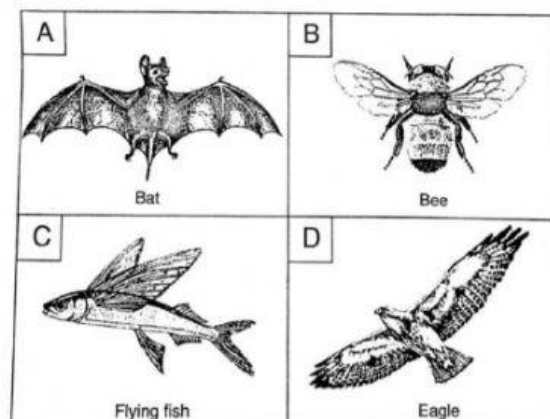
Which of the following images will most likely be seen on the screen?



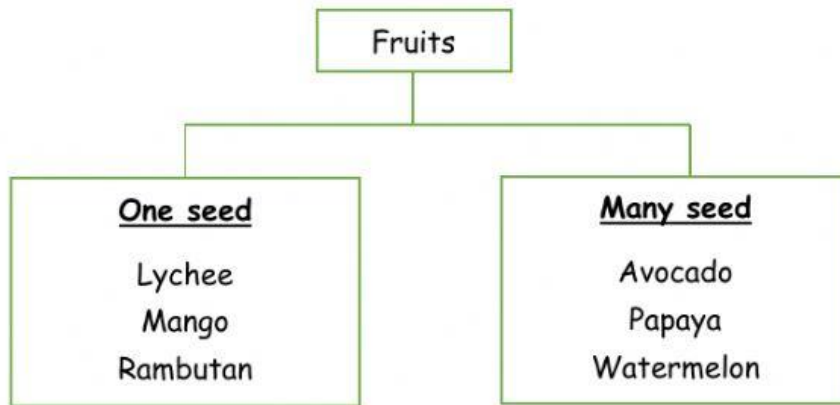
17. Sofea recorded the characteristics of Animal X in her notebook shown below.



Which of the following is Animal X?



18. Which of the following fruits has been grouped wrongly?



- A. Avocado
- B. Lychee
- C. Papaya
- D. Rambutan



19. Study the diagram in Figure 12.

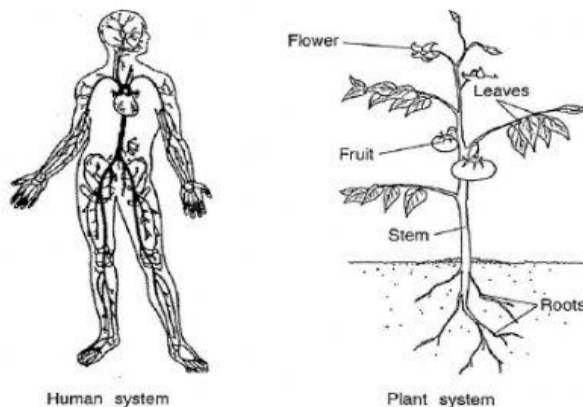


Figure 12

How are the two types of systems in Figure 12 similar to each other?

- A. Both systems transport useful substances.
- B. Both systems give out oxygen during the day.
- C. Both systems make their own food during the day.
- D. Both systems pump blood to all parts of the body.



20. As you can see at Figure 13, it shows three animals.

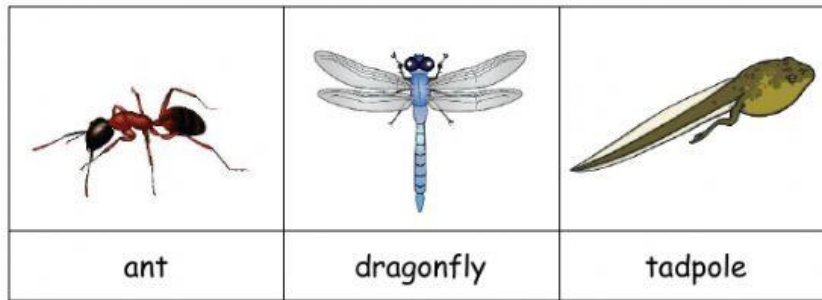
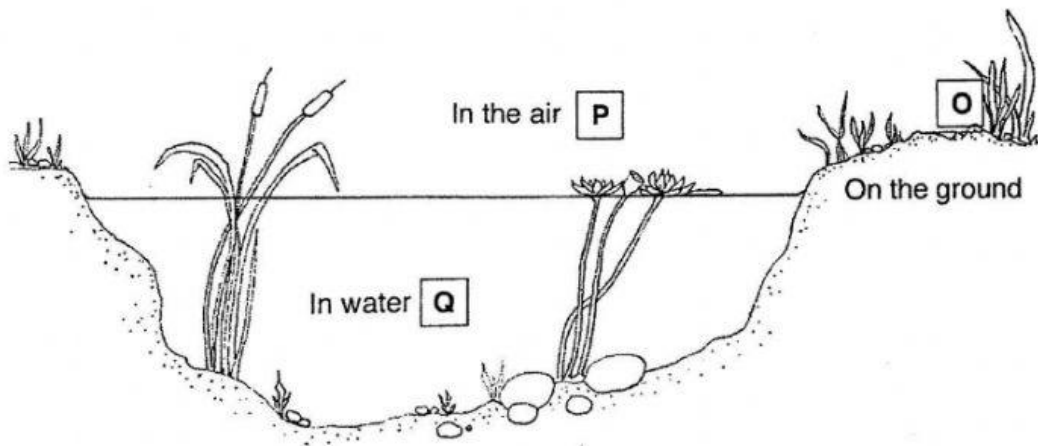


Figure 13

These animals can be seen in different parts, O, P and Q of the pond shown.



Study the adaptation of each animal in Figure 13. Which of the animals are most likely to be found at O, P and Q?

	O	P	Q
A	Ant	Dragonfly	Tadpole
B	Ant	Tadpole	Dragonfly
C	Dragonfly	Ant	Tadpole
D	Tadpole	Dragonfly	Ant

