



## Science CPPT Preparation 4 Grader

*Bismillahirrahmaanirrahim*

**Answer these questions!**

**Use the words in the box to answer number 1- 17.**

Skull	Repeal	Cooled	Medicine	Balance	Stopwatch
Freezing	Rib	Attract	Vacuum	Ruler	Thermometer
Sound level meter	Evaporation	Elbow	Melting	Muscles	Vibrating

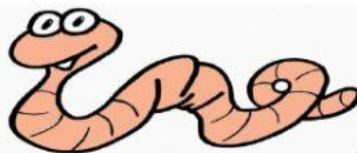
1. The part of skeleton that protects the brain is ....
2. The part of skeleton that protects the lungs is ....
3. The joint in the arm is ....
4. The ..... help us to stand.
5. Look at the magnets.



What happens to the two magnets? It will be ....

6. Magnetic objects are ..... to a magnet.
7. The changing of solid to liquid is called by ....
8. The changing of liquid to solid is called by ....
9. The changing of liquid to gas is called by ....
10. When steam is ..... it makes liquid water.
11. Sound cannot travel through ....
12. To stop Ima getting sick, so her mother give ..... to Ima.
13. We can use ..... to measure the volume of the sound.
14. We can use ..... to measure the time.
15. We can use ..... to measure the temperature.
16. Gaza can hear the voice of Zevon because Zevon lips are ... quickly.

17. Zahra found three earthworms.



- a. She want to measure the mass of all the earthworm, so she can use ... .
- b. She want to measure the length of each earthworm, so she can use ... .

18. Choose two way to know how to made sound!

- a. Feels the vibrations
- b. Write something
- c. Hears it
- d. Pass it

19. Explain why baby must drink liquid medicine!

Because baby cannot eat ... food.

20. Look at the picture.



There are two test tubes. Test tube A is empty but test tube B fill with water. What happens to the sound when there is water in the test tube?

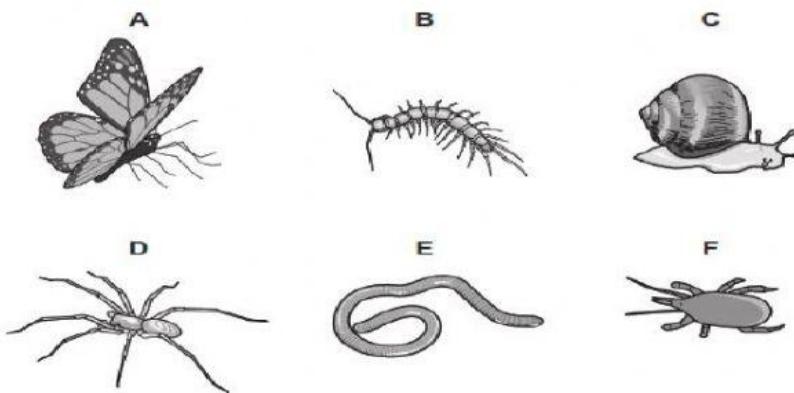
The sound from test tube B is ... pitch than test tube A.

- a. Higher
- b. Lower

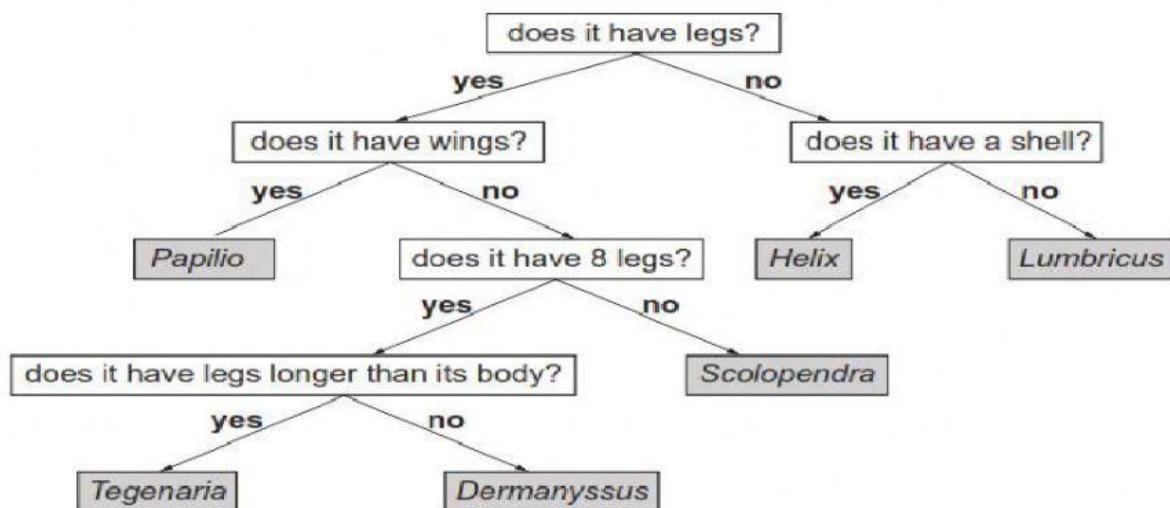
21. Rara, Ima and Nisha do three times for the same experiment. Why do they repeat the experiment!

- A. To make the experiment more reliable
- B. To make the fair test or fair experiment

22. Aidan has 6 different animals.



A key can be used to identify these animals.



Use the key to identify the animals. One has been done for you.

A ..... B ..... C .....

D ..... E ..... F *Dermanyssus*

23. Write with “**solid, liquid, or gas**” to each statement below.

- It can flow easily but it cannot be compressed. [.....]
- It has fixed volume and takes shape of the container [.....]
- It has fixed shape and cannot flow easily. [.....]
- It can be compressed easily. [.....]
- It can flow easily and completely fills the containers. [.....]

24. Look at the table of result.

Time in minutes	Temperature of water in $^{\circ}\text{C}$	Mass of water in g	Volume of water in $\text{cm}^3$
10	30	50	100.0
20	65	50	100.9
30	98	50	101.3

a. What happens to the volume of water as the temperature changes?

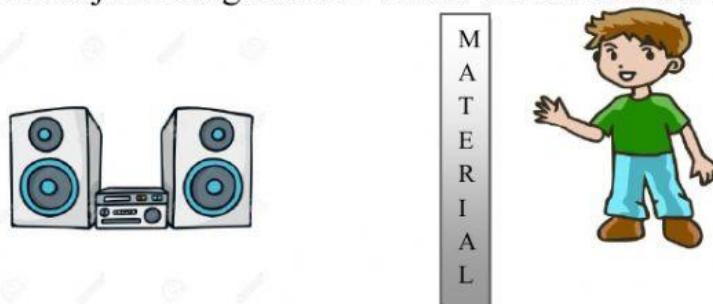
As water gets ... the volume ....

- A. Hotter, increased
- B. Hotter, decreased

b. What happens to the mass of water as it gets hotter?

- A. Increased
- B. Decreased
- C. Stay same

25. Panji investigates how sound travels through different materials.

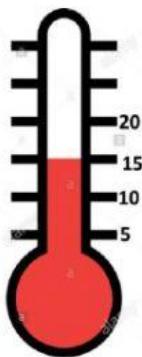


- Panji listens to the sound system.
- He puts different materials between himself and the alarm clock.
- He write down how loud the sound are.

Choose 5 ways he can make this a fair test.

- a. Use the same kind of sound system
- b. Use the same loudness of sound volume
- c. Use the same size of material
- d. Use the same thickness of material
- e. Use big materials
- f. Use the best sound system
- g. Keep the distance same
- h. Use the big size material

26. Look at the diagram of part of a mercury thermometer.



a. What is the temperature now? Give the correct unit.

.....  $^{\circ}\text{C}$

b. Why mercury metal flows easily at room temperature?

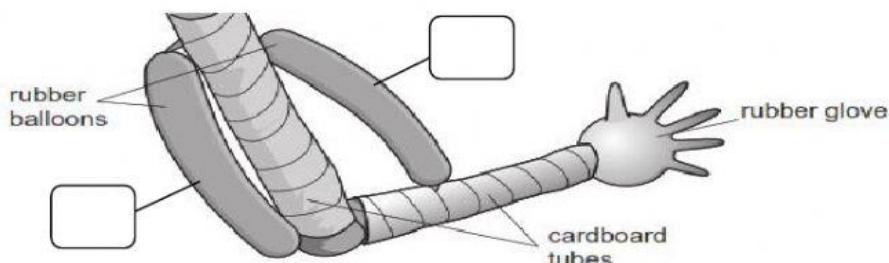
- A. Because mercury metal is a gas
- B. Because mercury metal is a solid
- C. Because mercury metal is a liquid

c. What happens to the volume of mercury when its temperature is increased?

- A. The volume will be increase
- B. The volume will be decrease

27. Keisha makes a model arm.

a) The hand moves up. Label with Y on the model arm to shown which part contracts, and label with X on the model arm to shown which part relaxes.



b) If the rubber glove is the hand, the cardboard tubes are the ..... , and the rubber balloons are the .... .

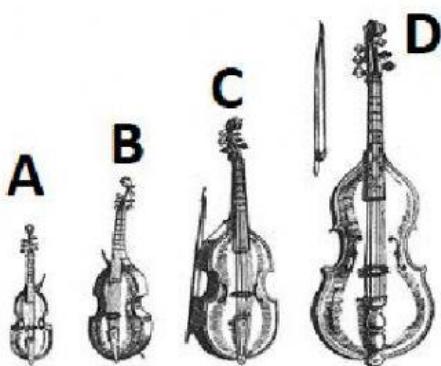
- a. Bones, muscles
- b. Skeleton, meat

28. Class 4 are thinking about how they grow. Here are Raiza's height measurements.

Age in years	Height in cm
0	70
2	90
4	110
6	130
8	150

a) Estimate Raiza's height when he is 10 years old ... cm.

29. These are violin family.



The strings of these instruments vibrate to produce sound. Which of these instruments make the highest pitch sound? ... because it has ... .

- a. Violin A, shortest strings
- b. Violin B, longest strings

*Alhamdulilah... I can do my science CPPT preparation*