

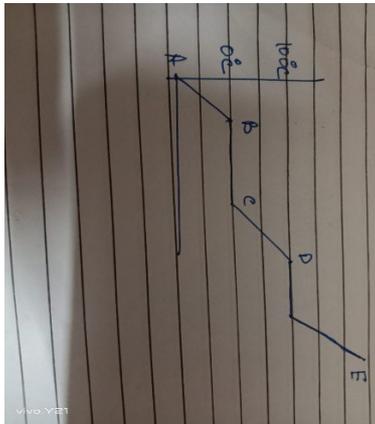
# Matter in our surrounding theory test

1. What is the similarity among all matters?
2. What happens when an inflated air balloon is pricked with a pin?  
Name the property of the gas.
3. Give reasons
  - a) Ice floats on water
  - b) During summer under the fan we feel cool
  - c) Latent heat is called hidden heat
  - d) Gas exerts pressure on the container's wall
  - e) Camphor disappears after sometime
4. Convert
  - a) 25degree celcius to Kelvin
  - b) 293K to celcius
5. what are the three states of water?
6. why do solids have a regular geometric shape?
7. what are the properties of particles of matter?
8. define melting point
9. Write a short note on dry ice.
10. what are the two ways to convert gas into liquid?
11. differentiate between boiling and evaporation
13. why dews are not formed under the trees?
14. what are the factors of evaporation?

15. compare between liquid and gas

16. Draw a labelled diagram of sublimation

17.



identify various parts of the graph

18. why does evaporation cause cooling?

19. what is Brownian motion?

20. why can we squeeze a sponge ball although it's a solid?