

CLASS IX CHEMISTRY ASSIGNMENT

Q1 What do L.P.G and B.E.C stand for.

Q2 Name a technique to separate sand from ammonium chloride.

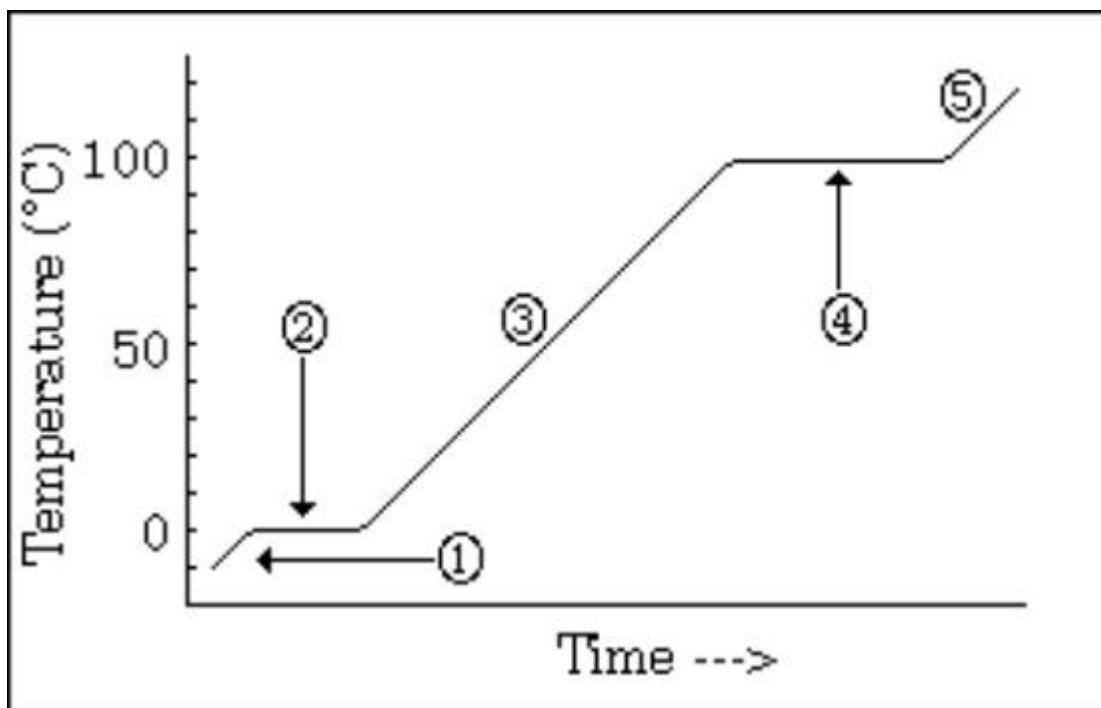
Q3 Why sodium is light and iron is heavy?

Q4 What is plasma?

Q5 A substance has a definite volume but no definite shape .state whether the substance is solid liquid or gas.

Q6 Why is oxygen a gas?

Q7 The heating curve of a pure substance at one atmospheric pressure is shown in the fig



- what is the physical state of the substance at points 1,2,3,4,5
- What is the melting point of the substance?
- What is the boiling point of the substance?
- What happens to the temperature when the substance is changing the the state?

Q8 What is the difference between gas and vapour?

Q9 Define boiling point .Give two factors on which it depends. Why is it food cooked easily in pressure cookers?

Q10 Osmosis is a special type of diffusion explain .

Q11 Compare the following in the three states of matter based on

a) Interparticle spaces b)Interparticle force of attraction c) Particle motion

Q12 It is a hot summer day ,Priya and Tom are wearing cotton and nylon clothes respectively. What do you think would comfortable and why?

Q13 The boiling point of water in Simla is lower than that of Delhi why?

Q 14convert the following into Celcius scale

470 K 300K 298K

Q 15 What are characteristics of particles of matter ?