

PRISM WORLD

Std.: 8 (English) **General Science** Marks: 20

Time: 1	hour
	Time: 1

Date:				Time: 1 ho
Chapt	er: 6			
Q.1 A)	Choose the correct alternative	and rewrite the s	entence	(2)
1)	1) Solids retain their volume even when external pressure is applied. This property is called			called
	a. plasticity b. incompressibi	ility c. fluidity	d. elasticity	
2)	During filtration, the substance lef a. distillate b. filtrate c.		er paper is called	
Q.2 B)	Solve the following questions.			(3)
1)	State True or False			(1)
1)	The particles of solid are very clos	se to each other a	nd vibrate at their fixed positions.	
2)	Find the odd one out			(1)
1)				
3)	3) Name the following Smallest particle of matter. (1)			
Q.2	Solve the following questions. (Any two) (4)			
1)	Write Short Notes on	urs of god	II Dieuiiis	
	Element			
2)	Complete the given table			
	Molecular formulae	Valency	Constituent elements	
	FeS			
	BaCl ₂			
3)	Give scientific reasons	7		=
	Milk is a mixture			
Q.3	Answer the following in detail (Any TWO)		(6)

1)	Take the following objects: iron nail/sheet, copper wire, aluminium wire, a piece of coal. Rub			
	each object on a fresh surface of sand paper and observe. Hammer each object with force.			€.
	(Take care not to hurt yourself) Record your observation in the following table.			
		I - 4I	Dana dha ahana flattan t	

Object	Is the subject shinning Yes / No	Does the shape flatten / break into small pieces on hammering?	
Iron nail			

Copper wire	
Aluminium wire	
Coal piece	

- 2) What is the difference between a pure substance and a mixture?
- 3) Why is Iron sulphide a compound?

Q.4 Solve the following questions. (Any one)

(5)

Sr. No.	Molecular formulae	Valency	Constituent elements
1	CaCl ₂		
2	CCI ₄		
3	HI		
4	H ₂ S		
5	Na ₂ S		

2)

1)



- i. Is mixture a pure substance?
- ii. Is the mixture of iron and sulphur, homogeneous or heterogeneous?
- iii. The components of a mixture of iron filings and sulphur are separated by
 - a. sublimation
- b. filtration
- c. using magnet
- d. distillation

Which of the following would be the correct apparatus required if you have to separate camphor and common salt?

- a. round bottom flask, funnel, burner, condenser, wire guaze, stand with clamp.
- b. Conical flask, filter paper, funnel, beaker, stand with clamp, wire guaze
- c. Separating funnel, beaker, conical flask, tripod stand, burner, wire guaze
- d. China dish, funnel, burner, cotton plug, tripod stand, stand with clamp, wire guaze.
- v. Choose the reaction that will result into the formation of mixture.
 - a. freezing of water to form ice
 - b. adding water into lime (CaO)
 - c. adding CS₂ into sulphur
 - d. heating magnesium in air