

# 17

2020 SEPTEMBER

DAY 261 - 105 WEEK 38

THURSDAY

September 2020							
Wk	M	T	W	T	F	S	S
36		1	2	3	4	5	6
37	7	8	9	10	11	12	13
38	14	15	16	17	18	19	20
39	21	22	23	24	25	26	27
40	28	29	30				

APPOINTMENT / MEETING

Class - VII

Chapter - 4 Elements, Compounds and mixtures part - II

Subject - Chemistry Date - 23.6.20

10 (1) Name the process by which the components of following mixtures can be separated

11 (a) Iron and Sulphur Magnetic Separation

(b) Ammonium chloride and Sand Sublimation

(c) Common salt and ~~Se~~ from sea water Evaporation

3 (d) Chaff and grain Winnowing

4 (e) Water and mustard oil Separating funnel

5 (f) Sugar and Water Crystallisation

(g) Cream from milk Centrifugation

NOTES

October 2020							
Wk	M	T	W	T	F	S	S
40				1	2	3	4
41	5	6	7	8	9	10	11
42	12	13	14	15	16	17	18
43	19	20	21	22	23	24	25
44	26	27	28	29	30	31	

SEPTEMBER 2020

DAY 262 - 104 WEEK 38

FRIDAY

18

APPOINTMENT / MEETING

8 (2) How will you separate a mixture of Common Salt, Chalk powder and Camphor? Explain.

9  
 10 Ans: By sublimation we can separate  
 11 Camphor from the mixture of  
 12 Common salt, ~~and~~ Chalk powder and  
 1 Camphor. We know that Chalk powder  
 2 is insoluble and lighter than water  
 3 but Common salt is soluble so  
 4 we will dissolve them in water  
 5 and by filtration we can separate  
 6 Chalk powder and by evaporation  
 7 we can separate Common salt

P. S. S  
 23-6-20

### OBJECTIVE TYPE QUESTIONS

1. Fill in the blanks :

- (a) ..... are made up of same kind of atoms.
- (b) ..... and ..... are pure substances.
- (c) In a ..... the substances are not combined chemically.
- (d) Clay is separated from water by the method called .....
- (e) ..... is a process to obtain a very pure form of a solid dissolved in a liquid.

(f) Camphor and ammonium chloride can .....

2. Give one word answers for the following :

- (a) The solid particles which remain on the filter paper after the filtration .....
- (b) The liquid which evaporates and then condenses during the process of distillation .....
- (c) The process of transferring the clean liquid after the solid settles at the bottom of the container .....

- (d) The process by which two miscible liquids are separated .....

### Multiple Choice Questions :

Select the correct alternative from the choices given for the following statements :

1. A pure liquid is obtained from a solution by :

(a) evaporation                      (b) distillation  
(c) filtration                          (d) crystallisation

2. Components of crude petroleum can be separated by :

(a) distillation                      (b) evaporation

(c) filtration

(d) fractional distillation

3. Example of a homogeneous mixture is :

(a) tap water                      (b) distilled water  
(c) sand and water              (d) water and oil

4. In chromatography the filter paper is :

(a) stationary phase              (b) mobile phase

(c) mixture                          (d) none of the above

5. A set of mixtures is :

(a) ink, honey, icecream, milk

(b) tapwater, gold, common salt, alloy

(c) milk, brass, silver, honey

(d) butter, petroleum, tapwater, iron