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Name substances A, B, C

GATITU SECONDATRY SCHOOL, P.O. BOX 327 - 01030, GATUNDU. FORM 2 CHEMISTRY TUNE - UP EXAMINATION. TERM 1 2015.

INST	RUCTIONS:			
1.	Write your name, admission number and class in the spaces provided.			
2.	Answer ALL questions in the spaces below each question.			
1.Stu	dy the diagram below and answer the questions that follow.			
	Mixture			
 	V.			
Solid	/solid mixture solid / liquid A			
	B insoluble solid miscible liquid C			

NAME:_____ADM:____CLASS:_

2. Explain how a mixture of lead carbonate and sodium carbonate is separated given that lead carbonate is insoluble and sodium carbonate is soluble. (3mks

(3mks

3a) State the method 100°C). Give a reason (s) Method	I for separating a mixtur	re of propanone (B.p 56°c) from water B.p (2mks	
Reason(s)			_
b) Explain how you s of (-196°C) and (- 186°C)	eparate a mixture of nite respectively.	trogen and argon gases with boiling points (3mks	
		•	
4. Study the set-up b	elow and answer the qu	Jestions that follow:-	
	Phospho	3	
At the b	orman -	After the experi	· f Y\\
)Why is phosphorous stor	ed under water?	(1mk	

b) What is observed when phosphorous is exposed to air.

(2mks

c)	Name the products formed when phosphorous react with air.	(2mk
d)	What is observed after sometime?	(2mk
e)	Which part of air is referred to as 'active'?	(1mk

What is approximate percentage by volume of the above gas?

f)

(1mk