

# FIRST MID TERM EVALUATION JULY : 2016 -'17

Time : 30 mts

Std. VIII

**CHEMISTRY**

Total Score : 10

*Instructions:*

- Attempt the questions based on the instructions provided.
- Score for each question is provided against the concerned question.

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1 Fill up suitably.

The fifth state : Einstein condensate

The fourth state : ..... 1

2 Identify the statement which is applicable to solids only. 1

- Particles have little freedom of movement.
- Distance between particles is very high.
- Particles remain very close to each other.
- Energy of particles is very high.

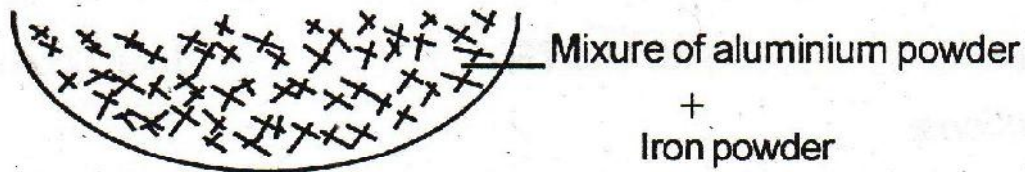
3 Define capillarity. 1

4 Spirit kept open in a watch glass disappears after some time and its smell spreads in various parts of the room.

Identify the phenomenon responsible for this. 1

- a) sublimation                      b) evaporation  
c) distillation                        d) diffusion

5



i) What is the most suitable method for separating the components of the given mixture? 1

ii) On what basis you have chosen that method? 1

6 a) While sugar is considered as a pure substance,   
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sugar solution is considered as a mixture. Give reason. 1

b) Give one more example each for pure substances and mixture. 1

7

Liquid	Boiling point
A	57°C
B	60°C

'A' and 'B' are two immiscible liquids.

a) Suggest a suitable method by which the liquids 'A' and 'B' can be separated from a mixture of those two. 1

b) Why is this method most suitable here? 1