

## Test 1 : Science

Name of student:

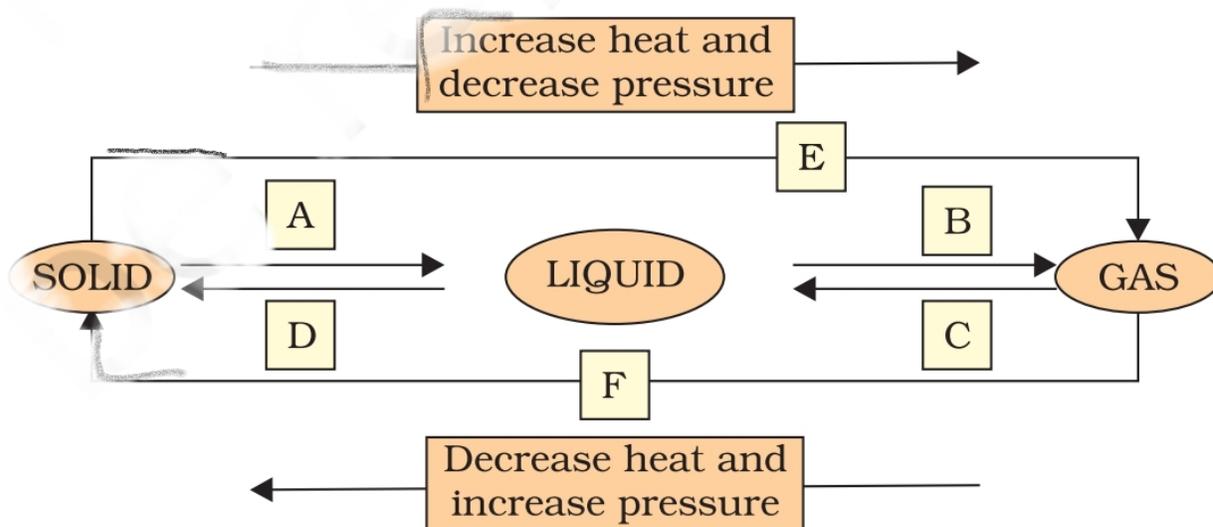
Time: 20 minutes

Number of questions: 8

Total marks: 20 marks

Question 1. An iron almirah is a solid at room temperature, why so? Give the reason 2 marks

Question 2. Name A,B,C,D,E and F in the following diagram showing change in its state. 6 marks



Question 3. Give reason for the following observations.

4 marks

- (a) Naphthalene balls disappear with time without leaving any solid.
- (b) We can get the smell of perfume sitting several metres away.

Question 4. Convert the following temperatures to the celsius scale and the kelvin scale, respectively :

3 marks

a) 297 K and 400 K

b) 28°C and 111° C

Question 5. Write down the formula of potassium permanganate.

1 marks

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Question 6. When a crystal of potassium permanganate is placed at the bottom of the water in a beaker, the water in the whole beaker turns purple on its own, even without stirring. This is an example of : 1.5 marks

- (a) distribution    (b) intrusion    (c) diffusion    (d) effusion

Question 7 Write down the names of 5 basic elements. 1.75 marks

Question 8. Arrange the following substances in increasing order of forces of attraction between the particles— water, sugar, oxygen. 0.75 marks