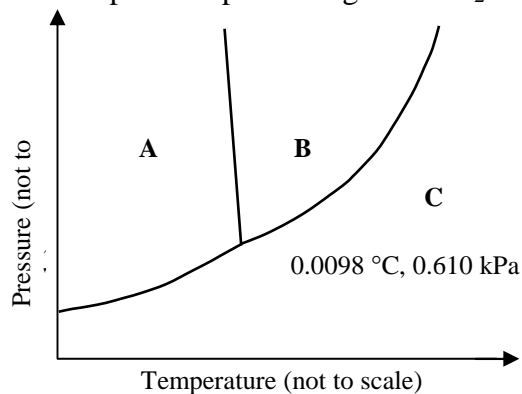


Marks
6

- Consider the pressure/temperature phase diagram of H₂O shown below.



Which phase exists in the fields labelled **A**, **B** and **C**?

A:	B:	C:
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What are the temperature and pressure for the normal boiling point of water?

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Use the phase diagram to explain why it takes longer to hard boil eggs on the top of a 6000 m high mountain rather than at sea level.

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The unusual property of water, with the solid being less dense than the liquid, can be deduced from the phase diagram. How?

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