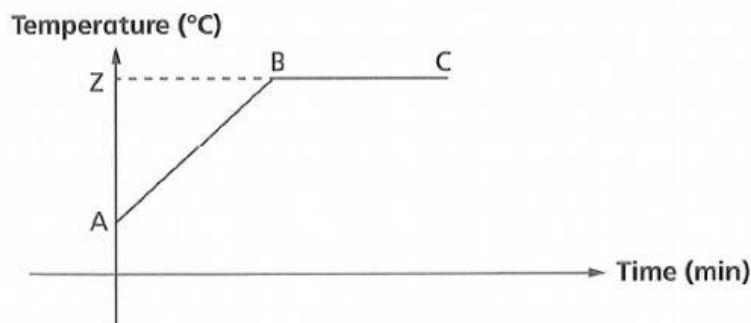


Study the following information and answer questions 21 and 22.

The graph below shows how the temperature of a beaker of water at 30°C changes as it is heated to boiling.



21. What are the temperatures at points A and Z?



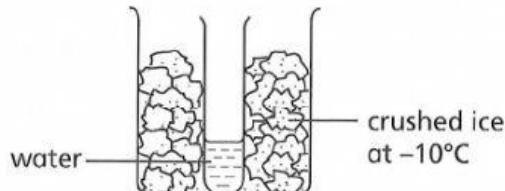
	A	Z
(1)	0°C	30°C
(2)	0°C	100°C
(3)	30°C	0°C
(4)	30°C	100°C

()

22. In which state(s) does water exist during part BC of the graph?

- (1) Liquid state only
- (2) Gaseous state only
- (3) Solid state and liquid state
- (4) Liquid state and gaseous state

23. Study the experimental set-up below.



What would happen to the water in the test tube after the test tube was placed in the crushed ice for 15 minutes?

(1) The water would freeze.
(2) The water would evaporate.
(3) The water would increase in mass.
(4) The water would remain as a liquid. ()

24. Which statements about evaporation are correct?

- A Evaporation is the reverse process of boiling.
- B Evaporation occurs only at the water surface.
- C Evaporation occurs when water gains heat to become water vapour.
- D Evaporation is the change from the gaseous state to the liquid state below the boiling point.

(1) A and D only (2) B and C only
(3) B, C and D only (4) A, B, C and D ()

25. Which of the following conditions has a different effect to the rate of evaporation of water from the other conditions?

- (1) High humidity
- (2) Presence of wind
- (3) High temperature
- (4) Large exposed surface area