

TOPIC 1.3.5: TEMPERATURE

1. What is the main disadvantage of an alcohol thermometer?
(SPE/2009/Q4)

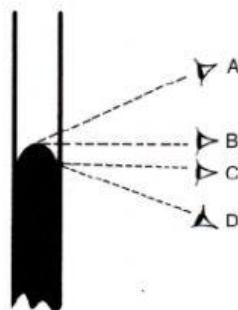
- A. It cannot measure low temperatures.
- B. It cannot measure high temperature.
- C. It is very cheap.
- D. It is poisonous.

2. Figure below shows a mercury thermometer. What is the temperature shown and state one limitation of this type of thermometer.
(SPE/2011/Q2)



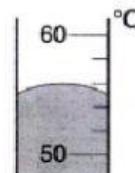
	Temperature	Limitation of Thermometer
A.	10°C	Thermometer scale is difficult to read.
B.	10°C	Cannot measure very high temperatures.
C.	20°C	Mercury vaporises easily and wet glass.
D.	20°C	Cannot measure very low temperatures.

3. Figure shows four different positions of an observer reading the mercury level in a thermometer. Which position is the correct way to read the mercury in the thermometer?
(SPE/2012/Q3)

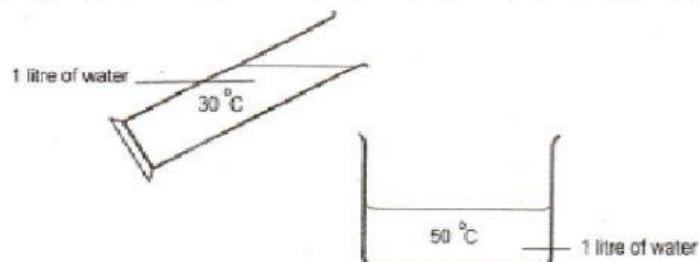


4. Figure below shows the level of mercury in a thermometer. What is the reading?
(SPE/2016/Q5)

- A. 52 °C
- B. 54 °C
- C. 56 °C
- D. 58 °C

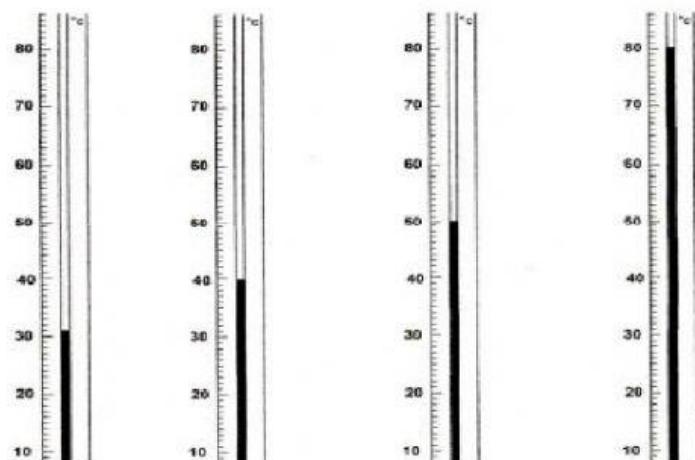


5. One litre of water at 30 °C is mixed with one litre of water at 50 °C.



What is the expected final temperature of water?

(SPE/2017/Q9)



6. Which of the following four thermometers would be most suitable for measuring body temperature?
(SPE/2018/Q7)

