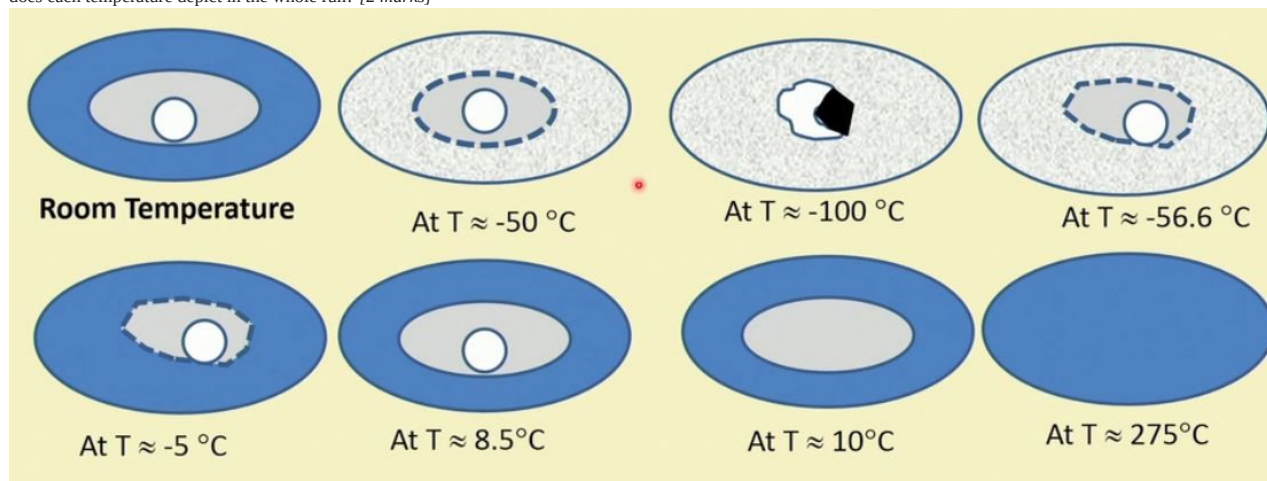


Due on 2018-09-12, 23:59 IST

- What is a clathrate? What does clathrate melting inform? [2 marks]
- Why clathrate melting temperature is essential than that of ice melting temperature in case of aqueous-carbonic inclusion? [2 marks]
- The following diagram depicts a complete freezing-heating scenario of an aqueous-carbonic inclusion without showing any metastability with a marked temperature. What does each temperature depict in the whole run? [2 marks]



- How the presence of CH_4 affect the freezing-heating cycle of carbonic inclusion? [2 marks]
 - What do you understand by pressure correction and why we need it? In which scenario we do not require pressure correction? [2 marks]
 - How density of the carbonic fluid inclusion changes with respect to temperature during liquid phase and vapour phase homogenisation? [2 marks]
 - While calculating the density of a carbonic fluid inclusion, what will happen if you will not take methane into consideration and why it happens so? [2 marks]
 - How "intersecting isochore method" is helpful for themobarometry of coeval pure aqueous and pure carbonic inclusions? [2 marks]
 - How reliability can be checked for P-T estimates obtained from intersecting isochore method? [2 marks]
0. Which parameter can be obtained from MRK equation of state? What are the necessary conditions to use MRK equation? [2 marks]

Your Submission:

Due Date Exceeded.
As per our records you have not submitted this assignment.



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