

1. A water tank has four taps fixed at points A, B, C, D as shown in Fig. 11.4. The water will flow out at the same pressure from taps at
(a) B and C. (b) A and B. (c) C and D. (d) A and C
Explain your answer.

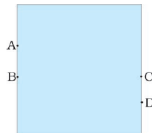


Fig. 11.4

2. Two thermocol balls held close to each other move away from each other. When they are released, name the force which might be responsible for this phenomenon. Explain.
3. Name the tool used with a tractor for sowing seeds in a field. What are the advantages of using this tool?
4. Which zone of flame Goldsmith should use for melting silver or gold? State the reason behind it.
5. Two women are of the same weight. One wears sandals with pointed heels while the other wears sandals with flat soles. Which one would feel more comfortable while walking on a sandy beach? Give reasons for your answer.