

Class Test on A peek beyond the point (Class VII)**Full marks: 15****Case study****1x4=4**

- 1) A skilled carpenter is preparing materials for a custom furniture project. He needs to cut three wooden planks of precise lengths: 1.205 m, 2.5 m, and 0.895 m. Accuracy is crucial to ensure the pieces fit perf



- (a) What is the total wood required?
- (b) If the carpenter has only a 5 m long plank, how much wood will remain unused after cutting?
- (c) Convert the unused wood into centimetres.
- (d) If each small stool requires 0.8 m of wood, how many stools can be made from the unused portion?

Answer the following questions.

- 2) Find the difference between 15.75 kg and 8245 g. 2
- 3) Write the decimal form of:
 - (a) 4 ones, 3 tenths, and 7 hundredths
 - (b) 12 tens, 5 tenths 2
- 4) A water tank is filled in two stages:
Stage 1: 125.75 litres
Stage 2: 238.8 litres

- (a) Find the total volume of water in the tank.
 (b) If 150.5 litres of water is removed, find the remaining water.
 (c) Convert your final answer into kilolitres.

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Choose the correct option.**1x4=4**

- 5) Arrange in increasing order: 0.45, 0.405, 0.54, 0.504.
 (a) $0.405 < 0.45 < 0.504 < 0.54$ (b) $0.405 < 0.45 < 0.54 < 0.504$
 (c) $0.45 < 0.405 < 0.504 < 0.54$ (d) $0.504 < 0.45 < 0.405 < 0.54$
- 6) A cricket scoreboard shows "Overs left: 3.4". How many balls are left?
 (a) 4 balls (b) 3 balls (c) 22 balls (d) 20 balls
- 7) Which is closest to 5: 4.89, 5.01, 5.1, 4.95?
 (a) 5.01 (b) 4.95 (c) 4.89 (d) 5.1
- 8) **Assertion (A):** 0.2, 0.20, and 0.200 represent different quantities.
Reason (R): Adding zeros to the right of the decimal point does not changes the value.
 (a) Both assertion (A) and reason (R) are true and reason (R) is the correct explanation of assertion (A).
 (b) Both assertion (A) and reason (R) are true but reason (R) is not the correct explanation of assertion (A).
 (c) Assertion (A) is true but reason (R) is false.
 (d) Assertion (A) is false but reason (R) is true.
