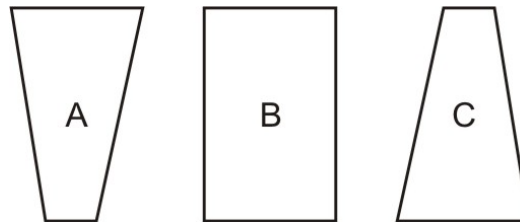


Lesson 5 Assignments

1. Class assignments

Can we use casting process for the manufacture of body of vehicle? Justify your answer.

Refer to cross-section of sprue pin shown in Figure below. Which cross-section will you choose for casting process and why?



2. Home assignments

A small size rectangular work-piece of size 10x15x5 mm is to be produced. Production requirement is of 100000 pieces per week. It is required to consider machining allowance, shaking allowance and shrinkage allowance. Suggest suitable type of pattern and the sequence in which the allowances are to be considered for casting this part.