SAMPLE MECHANICAL REASONING TEST
This is a sample test for you to get prepared for the ‘real’ Mechanical Reasoning test for BCIT Trades Programs. (Test has 70 questions with a time limit of 60 minutes).

1. Which person must pull harder to lift the weight? (If no difference, mark C.)

2. When the left-hand gear turns in the direction shown, which way does the right-hand one turn? (If either, mark C.)

3. Which measure is marked properly?

4. Which shaft will turn most quickly?
In which picture will the scales read lower (less weight)? (If equal mark C.)

Where should a chain be attached to hold up the sign? (If either, mark C.)

Which system will let the most water run out?

Which weighs most?
9. Which diagram shows two 6-volt batteries connected to give 12 volts?

10. Off which side of the road is the car least likely to skid? (If no difference, mark C.)

1-B; 2-A; 3-C; 4-A; 5-A; 6-B; 7-B; 8-B; 9-A; 10-B

Answers