

Bennett Mechanical Comprehension Test (BMCT-II)

One-page study plan. Full guide and free timed practice test at primedprep.com/bennett-mechanical-test

Test format

- 55 questions in 25 minutes — approximately 27 seconds per question.
- Pure mechanical reasoning; no math or reading passages.

Study focus (what actually moves your score)

- One prototype problem per topic: pulley, lever, gear, spring, hydraulic press, incline.
- Rotational inertia: mass at the rim resists spin-up more than mass distributed.
- Torque = force $\times$ distance from pivot — longer lever arm wins.
- Fluid flow: input flow = sum of branches.
- In a vacuum, all objects fall equally regardless of mass.

One-week study plan

- Day 1: timed BMCT-II diagnostic.
- Days 2–5: add one less-common topic per day; 20 timed questions daily.
- Days 6–7: full timed practice tests.

Test day

- Read each item once, decide the principle, answer, move.
- If unsure after 30 seconds, guess and move on.
- Watch for 'ignoring friction' and 'in a vacuum' modifiers.