

TEN FREE 306A PLUMBER PRACTICE QUESTIONS.

QUESTIONS	COST	LAST CHECKED
10, multiple choice, answers explained	Free. No account, no email	September 30, 2026

Ten 306A Plumber questions in the format of the Red Seal exam: four options, one correct answer, no trick questions. They are free to use, print and share. There is nothing to sign up for on this page.

01 How to use these

The questions come from the TicketPrep 306A bank and are spread across the exam's work activities in the order and roughly the proportion the Red Seal Program publishes for this trade: A (performs common occupational skills), B (prepares and assembles tube, tubing and pipe), C (installs, tests and services sewers, sewage treatment systems and drainage, waste and vent (dwv) systems), D (installs, tests and services water service and distribution), E (installs, tests and services fixtures, appliances and water treatment systems), F (installs, tests and services low-pressure steam and hydronic systems), G (installs, tests and services specialized systems). Answer each one before opening the explanation. Every explanation covers all four options, because on the real exam the wrong options are written to be plausible, and knowing *why* they are wrong is most of the skill.

- **Pace.** The exam allows four hours for 125 questions, so about 1 min 55 s per question. Try these at that pace.
- **Print.** The printed version shows the questions and the answer key without the explanations, so it works as a handout.
- **Mark.** The pass mark is 70 percent on every Red Seal trade; seven of ten here is the same bar.

The questions

Q1 · PROCEDURAL · PERFORMS COMMON OCCUPATIONAL SKILLS

On a strip-mall tenant fit-out, the current mechanical drawing shows a floor drain where the current structural drawing shows a concrete grade beam. Both sheets are the latest revision. What do you do?

- A. Leave the drain out and let the inspector decide at final
 - B. Submit an RFI to the designer and wait for direction
 - C. Move the drain to where it fits and note it on the as-builts
 - D. Install it as the mechanical drawing shows; it is your trade's sheet
-

Q2 · PROCEDURAL · PREPARES AND ASSEMBLES TUBE, TUBING AND PIPE

A new 4-inch (100 mm) PVC building sewer must connect to an existing vitrified clay tile sewer that has a different outside diameter. How is the connection made?

- A. A standard no-hub coupling sized for the PVC
- B. Mortar the PVC spigot into the clay bell
- C. Solvent-cement the PVC spigot into the clay bell
- D. A listed transition coupling sized for each pipe's OD

On the annual service of a normally open backwater valve in a seniors' residence basement, you remove the access cover. What does the service include?

- A. Coat the flap and seat with petroleum grease so debris cannot stick
- B. Replace the valve body every year, since its parts cannot be serviced
- C. Wire the flap open so it cannot stick shut and block the drain
- D. Clean the flap and seat, check it swings and seats, renew the seal

A distribution box feeds four equal leaching trenches on an acreage. How do you confirm it is set correctly before backfilling?

- A. Check that it slopes 1 in 50 toward the farthest trench
- B. Check that the inlet is lower than the outlets
- C. Check that the lid is watertight; the outlets even out in use
- D. Run water in and check it leaves all four outlets equally

In a house in a northern community, the bathroom lavatory gurgles and loses part of its trap seal whenever the WC flushes, but only during the coldest weeks of winter. The lavatory's vent joins a 1½-inch (38 mm) vent that passes through the roof unenlarged. What is the most likely cause?

- A. Evaporation of the lavatory's trap in dry winter air
- B. A leaking WC flapper refilling the bowl
- C. Frost closing the small vent terminal, cutting off air
- D. A partial blockage in the lavatory's trap arm

A strip-mall tenant's PRV is set to 345 kPa (50 psi). With no water in use overnight, the downstream gauge climbs to 621 kPa (90 psi), the same as the street pressure, and stops there. There is no water heater or other heat source on this line. What is the most likely cause?

- A. Water hammer from quick-closing valves in the tenant space
- B. A worn or fouled PRV seat letting street pressure creep through
- C. A clogged strainer ahead of the PRV
- D. Thermal expansion in a closed system

You are connecting the water line from a drilled well to a house. The frost depth is 1.8 m (6 ft), and the provincial well regulation requires the casing to extend at least 40 cm (16 in) above finished grade with a sanitary cap. How is the water line brought out of the casing?

- A. Into a buried well pit built around the casing below frost
- B. Through a hole cut just below grade, sealed with caulking
- C. Through a pitless adapter in the casing below frost depth
- D. Out over the top of the casing, then down into the trench

A new residential dishwasher drains into the kitchen sink's disposer, and the AHJ accepts a high loop instead of an air gap. How is the drain hose run?

- A. Into the sink's vent pipe inside the wall cavity
- B. Up to the underside of the counter, then to the disposer inlet
- C. Into the trap arm on the sewer side of the trap weir
- D. Along the cabinet floor straight to the disposer inlet

A new three-zone baseboard system in a seniors' residence is being purged through a purge station on the return. Which sequence clears the air most reliably?

- A. Open all three zones together so one flow sweeps them all
- B. Run the circulator and let the automatic vents do the work
- C. Close the purge-station valve, flush one zone at a time to a hose
- D. Close the fill valve and open the purge so pressure pushes air out

A plumber is laying out a sloped compressed-air main around a farm equipment shop, with drops to hose reels on the building columns. How should each drop be taken off the main?

- A.** Off the top in a swan-neck, with the outlet tee above a drain leg
- B.** Off the bottom of the main, so the air flows straight down to the reel
- C.** Off the side of the main at the pipe's centreline height
- D.** Off the top, with the hose outlet at the very bottom of the drop

03 Answer key

QUESTION	ANSWER	WORK ACTIVITY
Q1	B	Performs common occupational skills
Q2	D	Prepares and assembles tube, tubing and pipe
Q3	D	Installs, tests and services sewers, sewage treatment systems and drainage, waste and vent (DWV) systems
Q4	D	Installs, tests and services sewers, sewage treatment systems and drainage, waste and vent (DWV) systems
Q5	C	Installs, tests and services sewers, sewage treatment systems and drainage, waste and vent (DWV) systems
Q6	B	Installs, tests and services water service and distribution
Q7	C	Installs, tests and services water service and distribution
Q8	B	Installs, tests and services fixtures, appliances and water treatment systems
Q9	C	Installs, tests and services low-pressure steam and hydronic systems

Q10	A	Installs, tests and services specialized systems
-----	---	--

04 More free questions

For the 306A exam itself, the 306A exam guide covers the work activities, their weights and how the exam is scored, and the 306A Plumber practice exam page describes the full TicketPrep 306A question bank. The same free format is available for the other 11 trades, plus the free guides on the pass mark, question counts, exam day and how to study.

310S**Automotive Service Technician questions****310T****Truck and Coach Technician questions****309A****Electrician questions****403A****Carpenter questions****421A****Heavy Duty Equipment Technician questions****332A****Hairstylist questions****433A****Industrial Mechanic Millwright questions****313A****Refrigeration & AC Systems Mechanic questions****415A****Cook questions****307A****Steamfitter/Pipefitter questions****456A****Welder questions****HUB****All free practice questions****GUIDES****The Red Seal exam, explained**

How these questions are written and checked: how our questions are made. Found a mistake?
Tell us and we will fix it.