

# RED SEAL STUDY GUIDE PLUMBER YEAR 3

**25 EXAM PREP QUESTIONS  
WITH ANSWERS**



APPRENTICES | INSTRUCTORS | INSTITUTES

[RedSealStudyGuide.ca](http://RedSealStudyGuide.ca)

UNITY CREST SOLUTIONS INC.

# INTRODUCTION

## **Introducing the Red Seal Study Guide – Plumber.**

Ready to dive into the world of Plumber? Meet your ultimate companion – the Red Seal Study Guide for Plumber. This practical booklet is your go-to practice tool to conquer your Plumber exam.

Presented in an easy Q&A format, this guide lets you preview the kinds of questions you'll tackle on the real exam day. Consider it a sneak peek into what's coming your way!

Inside its pages, you'll find a treasure trove of Plumber essentials. It's more than just answering questions – it's about truly grasping the basics of Plumber in a way that sticks. Whether you're starting fresh or aiming to refine your skills, this guide has got you covered.

So, get set to challenge yourself, learn in a breeze, and build up your Plumber expertise. With the Red Seal Study Guide, you're all set to take that significant stride toward becoming a certified Plumber.

Ready to get started? For more information, tips, and resources, head over to [www.RedSealStudyGuide.ca](http://www.RedSealStudyGuide.ca)  
Plumber success starts here – dive in!



# DISCLAIMER



## **Study Guide Disclaimer: Important Notice**

The Red Seal Study Guide – Plumber is a reference tool meant to enhance your exam preparation. It offers insights into potential question formats. However, it's vital to know that this guide should complement, not replace, official government-issued study materials.

For comprehensive readiness, we recommend using both this guide and official resources provided by relevant authorities. Please note that this guide covers exams across Canadian provinces, but slight content variations might exist.

For your best chance at success, ensure a well-rounded preparation approach that includes official materials.

Good luck on your path to becoming a certified Plumber!

For more information, tips, and resources,  
head over to [www.RedSealStudyGuide.ca](http://www.RedSealStudyGuide.ca)  
Let's craft your future together!



**1. A 32" high, 48" long convector recessed unit with 65°F air and 215°F hot water gets an A MBH rating.**

- A: 155
- B: 33.0
- C: 28.0
- D: 12.2

**2. Calculate the interceptor's \_\_\_\_\_ to determine its size.**

- A: Flow Rate
- B: Depth
- C: Volume
- D: Length

**3. Copper pipe can transport \_\_\_\_% more than steel or iron.**

- A: 30
- B: 40
- C: 50
- D: 20

**4. A typical basement three-piece plumbing rough-in features a 12-meter plumbing vent. Is this vent's name and minimum size?**

- A: 1 1/2" continuous vent
- B: Circuit vent 1 1/4"
- C: 1 1/2" circuit vent
- D: 1 1/4" continuous vent

**5. Pyrex glass pipe has heat resistance to \_\_\_\_°F**

- A: 450
- B: 550
- C: 670
- D: 375

See answers on the next page.



1. ☐ A ☐ B ☐ C ☒ D

Note: \_\_\_\_\_  
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2. ☒ A ☐ B ☐ C ☐ D

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3. ☐ A ☐ B ☐ C ☒ D

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4. ☒ A ☐ B ☐ C ☐ D

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5. ☒ A ☐ B ☐ C ☐ D

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**6. There is a slight increase in gas temperature as it moves along the pipe due to:**

- A: Viscosity
- B: Pressure
- C Venturi Effect
- D: Friction

**7. A device that is installed to help remove suspended particles from a water well is called a \_\_\_\_\_.**

- A: Water Switch
- B: Sand Interceptor
- C: Reservoir Tank
- D; Pressure Tank

**8. If four shower heads are installed along a wall, what would the minimum measurement be between the two outermost heads?**

- A: 750mm
- B: 2.25m
- C: 1.8m
- D: 1200mm

**9. Chlorinated Polyvinyl Chloride is specially blended to withstand temperatures up to \_\_\_\_F**

- A: 180
- B: 140
- C: 212
- D: 222

**10. How deep must asbestos cement pipe be underneath a 60 mm concrete floor?**

- A: 600m
- B: 200m
- C: 400m
- D: 550m

See answers on the next page.



6. ☐ A ☐ B ☐ C ☒ D

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7. ☐ A ☒ B ☐ C ☐ D

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8. ☐ A ☒ B ☐ C ☐ D

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9. ☐ A ☐ B ☒ C ☐ D

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10. ☒ A ☐ B ☐ C ☐ D

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**11. What pipe installation requires a “fire donut”?**

- A: Cast iron through the fire-rated wall
- B: Passage of ductile iron and copper through fire-rated floors
- C: DMV copper passing through the fire-rated floor
- D: ABS pipework through the fire-rated ceiling

**12. Welded steel brackets withstand weights up to \_\_\_\_\_ pounds.**

- A: 11500
- B: 940
- C: 3000
- D: 8600

**13. Which coated fiberglass is best for plumbing fixtures?**

- A: Transparent Acrylic Sheet
- B: Gel-Coated
- C: Colored Acrylic Sheet
- D: Magnesium Coated

**14. If the air maintenance device is set at 35 psi, the relief valve should discharge at which pressure?**

- A: 50 psi
- B: 42 psi
- C: 36 psi
- D: 54 psi

**15. Which amino acid is coupled to another cysteine amino acid to form cystine amino acid?**

- A: Cysteine
- B: Catagen Phase
- C: Furuncle
- D: Cystine

See answers on the next page.



11. ☐ A ☐ B ☐ C ☒ D

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12. ☐ A ☐ B ☒ C ☐ D

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13. ☒ A ☐ B ☐ C ☐ D

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14. ☒ A ☐ B ☐ C ☐ D

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15. ☒ A ☐ B ☐ C ☐ D

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**16. Hot and cold potable water systems cannot use polypropylene pipes and fittings.**

- A: False
- B: True

**17. What is the grade % for 216 inches of descent and 500ft of run?**

- A: 2.8%
- B: 6.5%
- C: 3.6%
- D: 4.2%

**18. Septic field absorption rate:**

- A: Soil analysis
- B: Leech field linear feet
- C: Water table
- D: Percolation test

**19. Compressed air system design must ensure:**

- A: Pressure dips recover in 30 minutes
- B: Output air is sufficient without pressure drop
- C: Ten minutes after use, air volume returns to normal
- D: Only one outlet can be utilized

**20. Centrifugal pumps are displacement pumps.**

- A: Positive
- B: Common
- C: Open
- D: Variable

See answers on the next page.



16. ☒ A ☐ B

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17. ☐ A ☐ B ☒ C ☐ D

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18. ☐ A ☐ B ☐ C ☒ D

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19. ☐ A ☒ B ☐ C ☐ D

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20. ☐ A ☐ B ☐ C ☒ D

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**21. Braze welding fluxes are not suitable for soft soldering.**

- A: True
- B: False

**22. A water-tight well casing requires a minimum standoff distance from a septic system of**

- A: 15m
- B: 20m
- C: 50m
- D: 30m

**23. The agglomeration of finely split suspended materials into bigger particles is**

- A: Flocculation
- B: Oxidation
- C: Micron
- D: Grain

**24. A water closet flushes 8 liters and refills in 45 seconds. This fixture flows \_\_\_\_\_ imperial gallons/minute.**

- A: 4.63
- B: 2.35
- C: 1.14
- D: 6.35

**25. What is the function of a plumbing system's water pressure regulator?**

- A: To control water hardness
- B: To increase water pressure
- C: To regulate the temperature of the water
- D: To prevent excessive water pressure



21. ☒ A ☐ B

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22. ☒ A ☐ B ☐ C ☐ D

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23. ☒ A ☐ B ☐ C ☐ D

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24. ☐ A ☒ B ☐ C ☐ D

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25. ☐ A ☐ B ☐ C ☒ D

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- 1). (A) (B) (C) (D)
- 2). (A) (B) (C) (D)
- 3). (A) (B) (C) (D)
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- 24). (A) (B) (C) (D)
- 25). (A) (B) (C) (D)





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