

RED SEAL STUDY GUIDE AUTOMOTIVE REFINISHING TECHNICIAN YEAR 1

**25 EXAM PREP QUESTIONS
WITH ANSWERS**



APPRENTICES | INSTRUCTORS | INSTITUTES

RedSealStudyGuide.ca

UNITY CREST SOLUTIONS INC.

INTRODUCTION

Introducing the Red Seal Study Guide – Automotive Refinishing Technician.

Ready to dive into the world of Automotive Refinishing Technician? Meet your ultimate companion – the Red Seal Study Guide for Automotive Refinishing Technician. This practical booklet is your go-to practice tool to conquer your Automotive Refinishing Technician 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 Automotive Refinishing Technician essentials. It's more than just answering questions – it's about truly grasping the basics of Automotive Refinishing Technician 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 Automotive Refinishing Technician expertise. With the Red Seal Study Guide, you're all set to take that significant stride toward becoming a certified Automotive Refinishing Technician.

Ready to get started? For more information, tips, and resources,



DISCLAIMER

Study Guide Disclaimer: Important Notice

The Red Seal Study Guide – Automotive Refinishing Technician 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 Automotive Refinishing Technician!

For more information, tips, and resources, head over to www.RedSealStudyGuide.ca



1. What counts as a panel repair?

- A: Blended paint
- B: Whole panel painted
- C: Half a panel is painted
- D: Some panels are painted

2. Which lighting should be used to evaluate the color of a finish?

- A: Sunlight
- B: Candescent light
- C: The fluorescent light
- D: Drop light

3. Which color will a tank used for R-134a refrigerant be?

- A: Light blue
- B: Red
- C: Orange
- D: White

4. These articles describe car model-specific mechanical and structural issues.

- A: MSDS service manuals
- B: Refinishing guides
- C: Technical service
- D: Bulletins

5. Hardness drawn through heating is identified by which term?

- A: Tempering
- B: Normalizing
- C: Annealing
- D: Pasteurizing

See answers on the next page.



1. ☐ A ☒ B ☐ C ☐ D

Note: _____

2. ☒ A ☐ B ☐ C ☐ D

Note: _____

3. ☐ A ☐ B ☐ C ☒ D

Note: _____

4. ☐ A ☐ B ☒ C ☐ D

Note: _____

5. ☒ A ☐ B ☐ C ☐ D

Note: _____



6. Which principal paint ingredient determines its type?

- A: Binder
- B: Adds
- C: Solvent
- D: Pigment

7. Cleaning and retaping an adhesive mold is not included in the R&I labor value but is included in

- A: The refinish labor value
- B: Panel with molding
- C: Included in replacement labor
- D: R&I labor value per panel the molding is linked to

8. How should a metal surface be prepared for filler?

- A: Metal file brush, 200 grit
- B: Air-dry sandpaper after cold water wash
- C: Sandblast 100-150 psi
- D: 40-80 grit sanding wheel, 8-inch foam back pad

9. During A/C recovery, 1.0 oz. of oil was extracted. Which method is right?

- A: Avoid such small amounts
- B: Put oil back in
- C: Change the oil
- D: Change all system oil

10. Drill molding and emblem holes after priming and before painting before inserting a new panel. Remove orange peel from painted surfaces by wet sanding with

- A: 1200 and compound
- B: 400 and color coat
- C: Clearcoat and 320 seal
- D: 600 and clearcoat

See answers on the next page.



6. ☒ A ☐ B ☐ C ☐ D

Note: _____

7. ☐ A ☐ B ☐ C ☒ D

Note: _____

8. ☐ A ☐ B ☐ C ☒ D

Note: _____

9. ☐ A ☐ B ☒ C ☐ D

Note: _____

10. ☒ A ☐ B ☐ C ☐ D

Note: _____



11. Which grinding disc grit is best for removing paint and surface rust?

- A: 40 grit
- B: 24 grit
- C: 80 grit
- D: 36 grit

12. What happens if a frame rail gets overheated when removing sharp buckles?

- A: Metal softening
- B: Sagging
- C: Metal cracking
- D: Annealing

13. Which PPE is necessary for mixing self-etch primers in a well-ventilated area?

- A: Coveralls, respirator, gloves
- B: Safety glasses and gloves
- C: Particle respirator and gloves
- D: Gloves, coveralls, respirator, goggles

14. Most front passenger side Does the airbag system use inflator modules?

- A: Compressed air
- B: Sodium azide canister burned with pressurized air
- C: Produces nitrogen
- D: High-pressure gas from the cylinder

15. Which humidity percentage should be below for best painting conditions?

- A: 50%
- B: 60%
- C: 12%
- D: 20%

See answers on the next page.



11. ☐ A ☐ B ☐ C ☒ D

Note: _____

12. ☐ A ☐ B ☒ C ☐ D

Note: _____

13. ☐ A ☐ B ☐ C ☒ D

Note: _____

14. ☐ A ☐ B ☐ C ☒ D

Note: _____

15. ☒ A ☐ B ☐ C ☐ D

Note: _____



16. Incandescent light may not produce accurate color-matching results as daylight. For what cause is this mismatch?

- A: Incandescent light lacks the entire light spectrum
- B: Incandescent light lacks yellow and red
- C: Incandescent light has more violet and bluer than daylight
- D: All wavelengths

17. Unibody vehicles have unspecified left casters. Which is the least likely cause?

- A: Misaligned cross-member
- B: Bent idler arm
- C: Lower control arm
- D: Rod strut

18. What causes cold cracking in paint?

- A: Paint panel when the temperature drops
- B: Painting a panel before it becomes heated
- C: Warmed paint
- D: Panel painting when Panel painting after abrupt temperature reduction. Too chilly.

19. Masking tape on a freshly painted car got wet overnight. The tape should be removed:

- A: After the tape dries
- B: When trim-out finished
- C: ASAP
- D: When detailing begins

20. To prevent paint from clogging sandpaper

- A: Use dry sanding
- B: Disc sanding
- C: Block sanding
- D: Wet sanding

See answers on the next page.



16. ☒ A ☐ B ☐ C ☐ D

Note: _____

17. ☐ A ☒ B ☐ C ☐ D

Note: _____

18. ☒ A ☐ B ☐ C ☐ D

Note: _____

19. ☐ A ☐ B ☒ C ☐ D

Note: _____

20. ☐ A ☐ B ☐ C ☒ D

Note: _____



21. The unibody vehicle left caster is not in specs. The LEAST likely cause is:

- A: Misaligned cross-member
- B: Idler arm bent
- C: Damaged radius rod strut
- D: Lower control arm injury

22. What does 3F mean on a welding standard sheet?

- A: Welding overhead
- B: Flat fillet welding
- C: Horizontal fillet welding
- D: Fillet welding vertically

23. Which characterizes the ability to stretch and return metal to its native shape?

- A: Work hardening
- B: Elastic deformation
- C: Stretching
- D: Yield strength

24. Which does not impact weld quality?

- A: A welding gun angle
- B: Direction
- C: Speed
- D: Penetration

25. Which is a 12-volt car battery?

- A: Has three parallel cells
- B: Has six parallel cells
- C: Series-connected three cells
- D: Has six series-connected cells



21. ☐ A ☒ B ☐ C ☐ D

Note: _____

22. ☐ A ☐ B ☐ C ☒ D

Note: _____

23. ☐ A ☒ B ☐ C ☐ D

Note: _____

24. ☐ A ☐ B ☐ C ☒ D

Note: _____

25. ☐ A ☒ B ☐ C ☐ D

Note: _____



- 1). (A) (B) (C) (D)
- 2). (A) (B) (C) (D)
- 3). (A) (B) (C) (D)
- 4). (A) (B) (C) (D)
- 5). (A) (B) (C) (D)
- 6). (A) (B) (C) (D)
- 7). (A) (B) (C) (D)
- 8). (A) (B) (C) (D)
- 9). (A) (B) (C) (D)
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- 12). (A) (B) (C) (D)
- 13). (A) (B) (C) (D)
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- 16). (A) (B) (C) (D)
- 17). (A) (B) (C) (D)
- 18). (A) (B) (C) (D)
- 19). (A) (B) (C) (D)
- 20). (A) (B) (C) (D)
- 21). (A) (B) (C) (D)
- 22). (A) (B) (C) (D)
- 23). (A) (B) (C) (D)
- 24). (A) (B) (C) (D)
- 25). (A) (B) (C) (D)





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