

RED SEAL STUDY GUIDE AUTO BODY & COLLISION TECHNICIAN YEAR 1

**25 EXAM PREP QUESTIONS
WITH ANSWERS**



APPRENTICES | INSTRUCTORS | INSTITUTES

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UNITY CREST SOLUTIONS INC.

INTRODUCTION

Introducing the Red Seal Study Guide – Auto Body Collision Technician.

Ready to dive into the world of Auto Body Collision Technician? Meet your ultimate

companion – the Red Seal Study Guide for Auto Body Collision Technician. This practical booklet is your go-to practice tool to conquer your Auto Body Collision 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 Auto Body Collision Technician essentials. It's more than just answering questions – it's about truly grasping the basics of Auto Body Collision 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 Auto Body Collision Technician expertise. With the Red Seal Study Guide, you're all set to take that

significant stride toward becoming a certified Auto Body Collision Technician.

Ready to get started? For more information, tips, and resources, head over to www.RedSealStudyGuide.ca



DISCLAIMER

Study Guide Disclaimer: Important Notice

The Red Seal Study Guide – Auto Body Collision 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 Auto Body Collision Technician!

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Let's craft your future together!



1. What is the result of overheating a frame rail when removing sharp buckles?

- A: Softening of the metal
- B: Annealing of the metal
- C: Cracking of metal
- D: Sagging of the metal

2. Which of the following is a one-part, fast-curing adhesive used to repair stiff and flexible plastics?

- A: Halide
- B: Glycidyl phenyl
- C: Cyanoacrylate
- D: Amines

3. Incandescent light does not match daylight for color matching. For what cause is this mismatch?

- A: Incandescent light isn't full spectrum
- B: Incandescent light lacks yellow and red
- C: Incandescent light is violet and blue-rich
- D: Daylight is less bright than incandescent light

4. Minor orange peel can be eliminated from a base by following?

- A: Panel-only wet sanding
- B: Simply polish the panel
- C: Refinishing
- D: Moist sanding and polishing

5. Which air compressors typically have a 50% duty cycle?

- A: One-stage piston compressor
- B: 2-stage piston compressor
- C: Diaphragm compressor
- D: Rotary screw compressor

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. What can fix a bent frame with a little tear?

- A: Straighten frame, heat
- B: MIG/Oxy-acetylene weld tear
- C: Warm the tear, straighten, and MIG weld
- D: Tear and straighten frame MIG welding

7. Which must be sanded before top-coating?

- A: Surface primer
- B: 2K-Urethane priming layer
- C: Epoxy primers
- D: Primer metal etching

8. Which of the following is the recommended length for the jaws of pinch weld clamps?

- A: 25 cm to 30 cm
- B: 35 cm to 40 cm
- C: 8 cm to 14 cm
- D: 16 cm to 24 cm

9. To maintain compatibility, auto body technicians should only mix manufacturer-made body fillers and hardeners?

- A: True
- B: False

10. Straight files are used on metal sheets to:

- A: Sand the area
- B: Identify high and low locations
- C: Flatten metal
- D: Prepare for filler

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. All of these can replace resistance spot welds on unibody vehicle structural panels except:

- A: Resistance spot welds
- B: Compression spot welds
- C: Brass-plug welding
- D: MIG plug welding

12. Which of the following abbreviations found in collision estimating guides means that the item in question should be removed as an assembly, set aside, and later reinstalled?

- A: From O&H
- B: R&R
- C: O/H
- D: R&I

13. When removing the orange peel from a painted surface, the technician should wet sand with which?

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

14. The three primary CAC-A electrode types are?

- A: Plain, copper-coated, and graphite-based AC/DC electrodes
- B: Carbon, copper, and graphite
- C: DC copper, and AC copper electrodes
- D: AC, and plain electrodes

15. Which of the following is least likely to create steering wheel vibration at 60 km/h?

- A: Control arm bushings worn
- B: Poor wheel balance
- C: Bent wheel
- D: Shifted belt in tire

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. After high-strength steel is heated, it should be cooled by:

- A: Spray with cold water
- B: Allow it to cool naturally
- C: Hosing it with air
- D: Wipe with oil

17. A technician bleeding power brakes should first:

- A: Start at the wheel furthest from the master cylinder
- B: Check the parking brake setting
- C: Master cylinder fluid level
- D: Start the car and brake

18. Which of the following primary ingredients of paint determines the type of paint?

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

19. Electric shock victims may need what medical assistance immediately?

- A: Antibiotics prevent infection
- B: Bandages over electrical contacts
- C: EEG records nerve system function
- D: CPR

20. What would you use initially to prepare bare metal for corrosion protection?

- A: Soap and hot water
- B: Clean and remove wax and grease
- C: Lacquer thinner
- D: Clean coarse sandpaper

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. Calculating collision repair costs is covered by this guidebook.

- A: Estimating manual
- B: Service Manual
- C: Dimensions manual
- D: Paint code manual

22. A repair facility that only works on one part or system of a vehicle.

- A: Collision
- B: Specialty shop
- C: Paint runs
- D: Washup

23. An insurance appraiser calls a collision repair center customer's car a "constructive total loss." This is what the insurer means:

- A: OEM parts are obsolete
- B: The repairer could never make the car safe
- C: Repair costs surpass the vehicle's ACV minus salvage value
- D: Initial vehicle construction was flawed

24. For precise vehicle measurement, how many correct measurements are needed as a starting point?

- A: At least two
- B: At least three
- C: At least four
- D: One

25. Which screwdriver tip resists fastener removal best?

- A: Standard
- B: Slotted
- C: Phillips
- D: Torx



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)
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- 23). (A) (B) (C) (D)
- 24). (A) (B) (C) (D)
- 25). (A) (B) (C) (D)





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