

RED SEAL STUDY GUIDE TRUCK & TRANSPORT YEAR 3

**25 EXAM PREP QUESTIONS
WITH ANSWERS**



APPRENTICES | INSTRUCTORS | INSTITUTES

RedSealStudyGuide.ca

UNITY CREST SOLUTIONS INC.

INTRODUCTION

Introducing the Red Seal Study Guide – Truck & Transport.

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

Ready to get started? For more information, tips, and resources, head over to www.RedSealStudyGuide.ca
Truck & Transport success starts here – dive in!



DISCLAIMER

Study Guide Disclaimer: Important Notice

The Red Seal Study Guide – Truck & Transport 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 Truck & Transport!

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Let's craft your future together!



1. Which crown gear runout measuring equipment should be used?

- A: Torque Wrench
- B: Fish Scale
- C: Dial Indicator
- D: Thickness Measurers

2. Maximum pressure of CRDI engine high-pressure diesel pump

- A: 800 Kg/cm²
- B: 2000 Kg/cm²
- C: 500 Kg/cm²
- D: 1600 Kg/cm²

3. What type of drilling machine do explosive factories use?

- A: Pilar drill
- B: Machine radial drill
- C: Air-driven drill
- D: Automatic gang drill

4. Outside micrometer anvil material?

- A: Carbon
- B: Carbide
- C: Brass
- D: Bronze

5. What does cable size 25/0.012 mean?

- A: Strand number
- B: Cable thickness
- C: Strand length
- D: Strand diameter

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 is true when two hydraulic cylinders in the same circuit flow equally?

- A: Weight will increase with the smaller cylinder
- B: The smaller cylinder will accelerate
- C: Larger cylinders lift less
- D: Larger cylinders need higher pressure

7. Tightening a cap screw or bolt beyond its torque value may:

- A: Increase Metal Elasticity
- B: Minimizing Metal Elasticity
- C: Decreasing Friction
- D: Permanent Stretching or Breakage

8. Which internal combustion engine exhaust ingredient is harmful?

- A: CO + HC + NO_x
- B: CO₂ + HC + H₂O
- C: Pb + CO₂ + NO_x
- D: H₂O + CO₂ + Nitrogen

9. Which floating component is in a typical heavy-duty twin-countershaft transmission?

- A: Input Shaft
- B: Countershafts
- C: Output Shaft
- D: Main Shaft

10. What color is an acetylene hose?

- A: Maroon
- B: Red
- C: Black
- D: Peacock blue

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 hazardous waste disposal method is approved?

- A: Using leak-proof containers and RCRA-approved disposal
- B: Utilizing them in the shop
- C: Wash them down the drain with plenty of water
- D: Use them as weed controls

12. Where is the engine flywheel?

- A: Rocker arm shaft
- B: Camshaft
- C: Primary shaft
- D: Crankshaft

13. Which must be true when changing S-cam brakes on a trailer with manual slack adjusters?

- A: Apply tractor service brakes
- B: Apply tractor parking brakes
- C: Trailer service brakes must be applied
- D: Trailer parking brakes must be disengaged

14. Midtronics inTELLECT EXP battery performance evaluation requires which of the following data?

- A: Battery Capacity Rating
- B: Electrolyte Specific Gravity
- C: Starter Motor Type
- D: Ambient Temp

15. How and what should be utilized to weld a hardened truck frame rail extension?

- A: MIG using general-purpose wire
- B: With AWS E-6011 electrode
- C: TIG with high-alloy steel rod
- D: AWS E-11018 electrode

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. What signifies the end of a data packet message?

- A: EOF field
- B: CRC field
- C: EOI
- D: Ack field

17. Which connects to the starter shaft?

- A: Ring gear
- B: Drive-coupling
- C: Drive pinion
- D: Drive pulley

18. Convert 12 inches Hg manometer data to psi.

- A: 101.3 psi
- B: 24 psi
- C: 6 psi
- D: 14.7 psi

19. What is the lead acid battery's positive plate material?

- A: Tin
- B: Antimony
- C: Sponge lead
- D: Lead peroxide

20. Which sea-level atmospheric pressure standard is correct?

- A: 29.8 inches H₂O
- B: 29.8 psi
- C: 14.7 inches Hg
- D: 101.3 kPa

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. Medium- and heavy-duty highway trucks employ what SAE J-standard for multiplex data buses?

- A: J1850
- B: J1930
- C: J1939
- D: J1667

22. Poisonous marking media?

- A: Cellulose lacquer
- B: Copper Sulfate
- C: Prussian blue
- D: Whitewash

23. What tensions the leaves in a spring pack to make it self-dampening?

- A: Centre Bolt
- B: Spring Pins
- C: Spring Clips
- D: U-Bolts

24. 'The current is directly proportional to voltage and inversely proportional to resistance'

- A: Hook's Law
- B: Boyle's Law
- C: Newton's Law
- D: Ohm's Law

25. What powers most highway heavy-duty trucks?

- A: Gasoline Engines
- B: Propane Engines
- C: Computer-Controlled Diesel Engines
- D: Hydromechanical Diesel Engines



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





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