

RED SEAL STUDY GUIDE TRUCK & TRANSPORT YEAR 4

**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. What extinguishes flammable liquid fires?

- A: Dry powder extinguisher
- B: Halon fire extinguisher
- C: The CTC extinguisher
- D: Water-extinguisher

2. What signals the end of a data packet message?

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

3. What rectifies AC to DC in an alternator?

- A: A stator
- B: A rotor
- C: A regulator
- D: Diodes

4. Which fuel system results in lower fuel usage, increased power, and less exhaust emissions?

- A: Rotary pump
- B: CRDI system
- C: Pump distributor system
- D: System pumping inline

5. What component reduces clutch apply circuit pressure during initial application and gradually increases it to avoid shift shock?

- A: Priority Valve
- B: Trimmer Valve
- C: An Inhibitor Valve
- D: Modulator Valve

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 describes safe lifting and carrying?

- A: Start lifting with your feet as far from the load as feasible
- B: Change direction when carrying a heavy object by twisting your body
- C: To lift, bend, and straighten your legs instead of using your back
- D: Bend forward to place a heavy object on a shelf or counter

7. An auxiliary mechanical drive for truck accessories operated by transmission is?

- A: Auxiliary transmission
- B: PTO unit
- C: Synchronizer
- D: Transfer case

8. What electronic gadget regulates the engine?

- A: Switch
- B: Fuse
- C: ECM
- D: Regulator

9. Which device works as a hydraulic retarder?

- A: Torque Converter
- B: S-Cam Brake
- C: Hydraulic Clutch
- D: Planetary Gearset

10. The timing chain's purpose?

- A: Crank-cam shaft gear connection
- B: Connect the A/C compressor
- C: Water pump connection
- D: Connecting alternator

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. How high should a 12-volt gel cell battery be charged?

- A: 14.1 V
- B: 14.8 V
- C: 12-volt
- D: 12.6 V

12. Piston compression ring location?

- A: Piston skirt bottom
- B: Rod connecting piston pin to skirt bottom
- C: Above piston oil ring
- D: The piston between the oil ring and the pin

13. What could create no charge when the engine is running?

- A: Half-charged battery
- B: Starting motor issue
- C: Slip ring seating
- D: Defective diode

14. What is the heavy vehicle pedal play limit?

- A: 6-10 mm
- B: 16-20 mm
- C: 15-18 mm
- D: 2-4 mm

15. Calculate the current flow in a series circuit with 12V power and 6 V total circuit resistance using Ohm's Law.

- A: 1.5A
- B: 3A
- C: 4A
- D: 2A

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. Which nozzle has primary and auxiliary spray holes?

- A: Single-hole nozzle
- B: Pintaux nozzle
- C: Pintle tip
- D: Multi-hole nozzle

17. If the power steering fails, which portion of the electronic power steering switches to manual?

- A: Solenoid valve
- B: Failsafe relay
- C: Current phase
- D: Compensator

18. Which fire extinguisher (FE) is for live electrical fires?

- A: Foam FE
- B: Chemical liquefaction
- C: Halon FE
- D: Aquatic FE

19. Which materials are semiconductors?

- A: Germanium, silicon
- B: Boron, arsenic
- C: Gallium, indium
- D: Antimony, aluminum

20. What governor connects the control rack to the counterweight floating lever?

- A: Air-controlled governor
- B: A hydraulic governor
- C: Servo governor
- D: Mechanical governor

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. What is the combination of the gate is NAND gate?

- A: AND and NOT gate
- B: OR and NOT gate
- C: AND and OR gate
- D: OR and NOR gate

22. What would be the outcome in an OR gate if one of two switches in the circuit was closed?

- A: On
- B: Off

23. What is the GVW range of a Class 6 truck?

- A: 16,001 to 19,500 pounds
- B: over 33,001 pounds
- C: 19,501 to 26,000 pounds
- D: 26,001 to 33,000 pounds

24. What is the advantage of using a non-reactive suspension arrangement on multi-axle vehicles?

- A: Effective rear wheel braking
- B: Rattling prevention
- C: Longer spring life
- D: Improved riding comfort

25. Which gauge is used to measure the cylinder bore weariness?

- A: Compression gauge
- B: Dial gauge
- C: Depth gauge
- D: Vacuum gauge



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





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