

RED SEAL STUDY GUIDE TRUCK & TRANSPORT YEAR 2

SAMPLE
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. Positive crankcase ventilation?

- A: Back pressure to boost efficiency
- B: Increase crankcase dilution
- C: HC in the drawn-out blast
- D: HC in the blow reused

2. What is the Class 6 truck GVW range?

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

3. Which best describes a common power-assisted steering gear system in modern trucks?

- A: Hydrostatic
- B: Integral hydraulic
- C: External hydraulic aid
- D: External air-assist

4. Which is true during torque converter coupling?

- A: Impeller and turbine speeds are identical
- B: Maximum torque multiplication
- C: Impeller speed is slightly faster than turbine speed
- D: Impeller speed is slightly slower than turbine

5. What instrument measures piston diameter?

- A: Inside micrometer
- B: 3. Internal micrometer
- C: Outside micrometer
- D: Depth micrometer

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 gas flame cuts steel underwater?

- A: Oxy-liquid petroleum gas
- B: Flare oxy-hydrogen flame
- C: Oxy-acetylene flame
- D: Oxy-coal gas flare

7. Which steering system helps when the engine is off?

- A: Steering manually
- B: Power steering linkage
- C: E-power steering
- D: Integrated power steering

8. What does a taper roller bearing load?

- A: Axial/radial load
- B: Radial stress
- C: Thrust force
- D: Radial/axial load

9. What is commonly used to mount a torque converter to the engine crankshaft?

- A: Lockup clutch
- B: Stator
- C: Flexplate
- D: Turbine

10. What is the ovality of a crankshaft?

- A: Difference in dia measured from top to bottom of a crankshaft outer dia
- B: Difference in dia measured only at the top
- C: Difference in dia measured only at the bottom
- D: Difference in dia measured thrust to nonthrust across dia

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 type of headlight provides 25% more light than sealed beam headlights?

- A: Neon type headlight
- B: LCD-type head light
- C: Halogen headlight
- D: LED-type headlight

12. What is the ampere-hour rating of a battery delivering 5 ampere and a period of 20 hours?

- A: 80 Ampere/ hour
- B: 100 Ampere/ hour
- C: 90 Ampere /hour
- D: 110 Ampere /hour

13. Which engine is fuel-efficient?

- A: Radial engine
- B: V-Engine
- C: The opposing engine
- D: Inline engine

14. Which fuel system uses hydraulics to boost diesel pressure?

- A: Inline FIP
- B: HEUI fuel system
- C: CRDI fuel distributor
- D: FIP

15. Who invented electromagnetism?

- A: Franklin
- B: Gilbert
- C: Faraday
- D: Thomson

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. Slotted nuts employ which locking device?

- A: Plain washer
- B: Bolt/chuck nut
- C: Split-pin
- D: Circlip

17. What is the lowest metric outside the micrometer count?

- A: 0.10 mm
- B: 0.0001 mm
- C: 0.00001 mm
- D: 0.01 mm

18. Which shock absorber maintains vehicle ride according to rear axle load?

- A: Hydraulic shock absorber
- B: Automatic load adjustable shock absorber
- C: Mechanical shock absorber
- D: Compressed gas shock absorber

19. Noiseless clutch?

- A: Single-plate clutch
- B: Diaphragm-spring clutch
- C: Dog clutch
- D: Multi-plate clutch

20. If the conductor moves and cuts the magnetic field, what emf is produced?

- A: Statistics induced emf
- B: EMF caused via electrochemistry
- C: Dynamically induced EM
- D: Emf induced by magnetism

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. Which data retention medium is volatile?

- A: RAM
- B: ROM
- C: RAM
- D: EEPROM

22. Which part is used in the pneumatic brake?

- A: Wheel cylinder
- B: Brake chamber
- C: Master cylinder
- D: Slave cylinder

23. Which are less harmful emission elements after conversion by the catalytic converter

- A: $\text{CO}_2 + \text{HC} + \text{H}_2\text{O}$
- B: $\text{H}_2\text{O} + \text{CO}_2 + \text{Nitrogen}$
- C: $\text{Pb} + \text{CO}_2 + \text{NO}_x$
- D: $\text{NO}_x + \text{CO}_2 + \text{Pm}$

24. The highest compression of a spring is called a failed jounce.

- A: Oscillation return
- B: Jounce
- C: Failed
- D: Rebound

25. What material attribute opposes electron flow?

- A: The conductor is carbon.
- B: B-D
- C: Semi-conductor
- D: Insulator



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)
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- 17). (A) (B) (C) (D)
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- 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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