

**19-3/6/23/10 (CE12276-1) Theory**

Truck and Transport Mechanic

**Interprovincial  
Qualification**

COUNSELLING INFORMATION

150 TOTAL QUESTIONS

Number of Questions

<b>SECTION 1 COMMON OCCUPATIONAL SKILLS</b>	<b>9</b>
Task 1 Performs safety-related functions.	2
Task 2 Uses and maintains tools and equipment.	4
Task 3 Performs routine trade activities.	3
<b>SECTION 2 ENGINE AND SUPPORTING SYSTEMS</b>	<b>26</b>
Task 4 Services, diagnoses, and repairs base engine.	3
Task 5 Services, diagnoses, and repairs lubrication system	3
Task 6 Services, diagnoses, and repairs intake and exhaust systems	3
Task 7 Services, diagnoses, and repairs engine management system	4
Task 8 Services, diagnoses, and repairs fuel delivery system	4
Task 9 Services, diagnoses, and repairs emission systems for diesel engines	4
Task 10 Services, diagnoses, and repairs engine retarder systems	2
Task 11 Services, diagnoses, and repairs cooling system	3
<b>SECTION 3 AIR SYSTEMS AND BRAKES</b>	<b>21</b>
Task 12 Services, diagnoses, and repairs air systems.	10
Task 13 Services, diagnoses, and repairs brake systems.	11
<b>SECTION 4 ELECTRICAL AND ELECTRONIC SYSTEMS</b>	<b>25</b>
Task 14 Services, diagnoses, and repairs batteries.	3
Task 15 Services, diagnoses, and repairs charging systems.	4
Task 16 Services, diagnoses, and repairs spark ignition systems.	2
Task 17 Services, diagnoses, and repairs starting systems.	4

Task 18	Services, diagnoses, and repairs electrical components and accessories	6
Task 19	Services, diagnoses, and repairs vehicle management systems and electronic components	6
<b>SECTION 5</b>	<b>DRIVE TRAIN</b>	<b>18</b>
Task 20	Services, diagnoses, and repairs clutches.	3
Task 21	Services, diagnoses, and repairs manual transmission and transfer cases	3
Task 22	Services, diagnoses, and repairs automatic transmissions	3
Task 23	Services, diagnoses, and repairs automated transmissions	4
Task 24	Services, diagnoses, and repairs driveline systems.	2
Task 25	Services, diagnoses, and repairs differentials.	2
Task 26	Services, diagnoses, and repairs drive train retarders.	1
<b>SECTION 6</b>	<b>STEERING, CHASSIS/FRAMES, SUSPENSION, WHEELS, HUBS, AND TIRES</b>	<b>21</b>
Task 27	Services, diagnoses, and repairs steering systems.	5
Task 28	Services, diagnoses, and repairs chassis/frames.	2
Task 29	Services, diagnoses, and repairs suspension.	5
Task 30	Services, diagnoses, and repairs hitches and couplers.	4
Task 31	Services, diagnoses, and repairs tires, wheels, and hubs.	5
<b>SECTION 7</b>	<b>CAB</b>	<b>6</b>
Task 32	Services, diagnoses, and repairs interior cab components.	3
Task 33	Services, diagnoses, and repairs exterior cab components.	3
<b>SECTION 8</b>	<b>TRAILERS</b>	<b>7</b>
Task 34	Services, diagnoses, and repairs trailer components and accessories.	4
Task 35	Services, diagnoses, and repairs heating refrigeration systems.	3
<b>SECTION 9</b>	<b>CLIMATE CONTROL</b>	<b>9</b>
Task 36	Services, diagnoses, and repairs heating ventilation systems.	4
Task 37	Services, diagnoses, and repairs air conditioning systems.	5

**SECTION 10 HYDRAULIC SYSTEMS** **8**

Task 38 Services, diagnoses, and repairs hydraulic components **8**

TIME ALLOWED 4 HOURS

PASS MARK 70%

- This is a multiple-choice type examination.
- This information is to be used for candidate counseling purposes only.