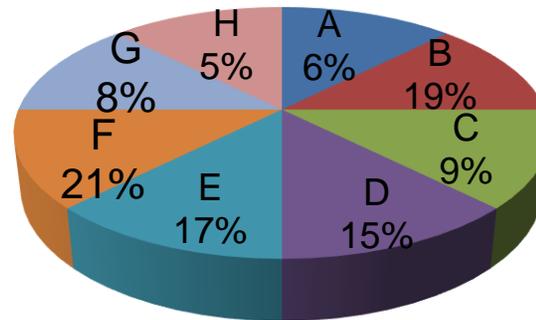# RED SEAL EXAM
SELF-ASSESSMENT GUIDE
AUTOMOTIVE SERVICE TECHNICIAN

Red Seal Exam Weighting

This pie chart represents the distribution of questions on the Red Seal Exam. The self-assessment on the next pages shows the Tasks and Sub-tasks within each Major Work Activity and the number of questions assigned to each Major Work Activity and Task.

The Red Seal Exam for this trade has 125 questions.

Major Work Activity / Exam Section		Percentage of Questions	Number of Questions out of 125
A	Performs Common Occupational Skills	6%	8
B	Diagnoses and Repairs Engine and Engine Support Systems	19%	24
C	Diagnoses and Repairs Vehicle Module Communications Systems	9%	12
D	Diagnoses and Repairs Driveline Systems	15%	18
E	Diagnoses and Repairs Electrical and Comfort Control Systems	17%	21
F	Diagnoses and Repairs Steering and Suspension, Braking, Control Systems, Tires, Hubs and Wheel Bearings	21%	26
G	Diagnoses and Repairs Restraint Systems, Body Components, Accessories and Trim	8%	10
H	Diagnoses and Repairs Hybrid and Electric Vehicles (EV)	5%	6

Breakdown of Red Seal Exam Questions and Self-Assessment

Rate your own understanding and experience with each task. Look at the activities that make up each task and consider your experience with them of them when rating yourself. Be honest!

● LOW	I have **no or very little understanding or experience** in this activity
○ MEDIUM	I **understand** this activity and have **some experience** doing it in **limited** situations
● HIGH	I have a **very good understanding** of this activity and am **fully competent** in doing it in **many** situations

This is not intended to accurately predict how you will actually do on the exam – there may be areas where you are over-confident or under-confident. But it should give you an idea of your strengths and weaknesses.

After you rate your own knowledge and experience as LOW, MEDIUM or HIGH, check how many questions there are and write down how many you think you will get correct.

  LOW, you may not get many of those questions right.
  MEDIUM, you might get some right.
  HIGH, you expect to be able to get most of those questions right.

Comparing your scores with the number of questions on the exam will help you identify which areas you need to prepare the most. Add up your scores from each section to get an idea of your overall readiness for the exam.

	● LOW Understanding / Experience	● MEDIUM Understanding / Experience	● HIGH Understanding / Experience	Number of questions on the Red Seal exam	Based on your self-rating, how many of the questions do you think you will get correct?
A – Performs common occupational skills					
Task A-1 Performs safety-related functions. A-1.01 Maintains safe work environment. A-1.02 Uses personal protective equipment (PPE) and safety equipment.	❑	❑	❑	3	
Task A-2 Uses tools, equipment and documentation. A-2.01 Uses tools and equipment. A-2.02 Uses fasteners, tubing, hoses and fittings. A-2.03 Uses hoisting and lifting equipment. A-2.04 Uses technical information.	❑	❑	❑	4	

	● **LOW** **Understanding / Experience**	● **MEDIUM** **Understanding / Experience**	● **HIGH** **Understanding / Experience**	**Number of questions on the Red Seal exam**	**Based on your self-rating, how many of the questions do you think you will get correct?**

Task A-3 Uses communication and mentoring techniques.
    A-3.01 Uses communication techniques.
    A-3.02 Uses mentoring techniques.
	☐	☐	☐	1	

					SUM OF YOUR EXPECTED CORRECT ANSWERS
Total number of questions for this section:				**8**	

	● LOW Understanding / Experience	● MEDIUM Understanding / Experience	● HIGH Understanding / Experience	Number of questions on the Red Seal exam	Based on your self-rating, how many of the questions do you think you will get correct?
B – Diagnoses and repairs engine and engine support systems					
Task B-4 Diagnoses engine systems. B-4.01 Diagnoses cooling systems. B-4.02 Diagnoses lubricating systems. B-4.03 Diagnoses engine assembly. B-4.04 Diagnoses accessory drive systems.	☐	☐	☐	4	
Task B-5 Repairs engine systems. B-5.01 Repairs cooling systems. B-5.02 Repairs lubricating systems. B-5.03 Repairs engine assembly. B-5.04 Repairs accessory drive systems.	☐	☐	☐	4	
Task B-6 Diagnoses gasoline engine support systems. B-6.01 Diagnoses gasoline fuel delivery and injection systems. B-6.02 Diagnoses gasoline ignition systems. B-6.03 Diagnoses gasoline intake/exhaust systems. B-6.04 Diagnoses gasoline emission control systems.	☐	☐	☐	6	

	● LOW Understanding / Experience	● MEDIUM Understanding / Experience	● HIGH Understanding / Experience	Number of questions on the Red Seal exam	Based on your self-rating, how many of the questions do you think you will get correct?

Task B-7 Repairs gasoline engine support systems.
  B-7.01 Repairs gasoline fuel delivery and injection systems.
  B-7.02 Repairs gasoline ignition systems.
  B-7.03 Repairs gasoline intake/exhaust systems.
  B-7.04 Repairs gasoline emission control systems.
	❑	❑	❑	5	

Task B-8 Diagnoses diesel engine support systems.
  B-8.01 Diagnoses diesel fuel delivery and injection systems.
  B-8.02 Diagnoses diesel intake/exhaust systems.
  B-8.03 Diagnoses diesel emission control systems.
	❑	❑	❑	3	

	● LOW Understanding / Experience	● MEDIUM Understanding / Experience	● HIGH Understanding / Experience	Number of questions on the Red Seal exam	Based on your self-rating, how many of the questions do you think you will get correct?
Task B-9 Repairs diesel engine support systems. B-9.01 Repairs diesel fuel delivery and injection systems. B-9.02 Repairs diesel intake/exhaust systems. B-9.03 Repairs diesel emission control systems.	☐	☐	☐	2	
					SUM OF YOUR EXPECTED CORRECT ANSWERS
Total number of questions for this section:				**24**	

	● LOW Understanding / Experience	● MEDIUM Understanding / Experience	● HIGH Understanding / Experience	Number of questions on the Red Seal exam	Based on your self-rating, how many of the questions do you think you will get correct?
C – Diagnoses and repairs vehicle module communications systems					
Task C-10 Diagnoses vehicle networking systems. C-10.01 Reads diagnostic trouble codes (DTCs). C-10.02 Monitors data. C-10.03 Interprets test results. C-10.04 Tests system circuitry and components.	❑	❑	❑	8	
Task C-11 Repairs vehicle networking systems. C-11.01 Updates component software. C-11.02 Replaces components. C-11.03 Verifies vehicle module communications system repair.	❑	❑	❑	4	
					SUM OF YOUR EXPECTED CORRECT ANSWERS
Total number of questions for this section:				**12**	

	● LOW Understanding / Experience	● MEDIUM Understanding / Experience	● HIGH Understanding / Experience	Number of questions on the Red Seal exam	Based on your self-rating, how many of the questions do you think you will get correct?
D – Diagnoses and repairs driveline systems					
Task D-12 Diagnoses driveline systems. D-12.01 Diagnoses drive shafts and axles. D-12.02 Diagnoses manual transmissions/transaxles. D-12.03 Diagnoses automatic transmissions/transaxles. D-12.04 Diagnoses clutches. D-12.05 Diagnoses transfer cases. D-12.06 Diagnoses final drive assemblies.	❑	❑	❑	11	

	● LOW Understanding / Experience	● MEDIUM Understanding / Experience	● HIGH Understanding / Experience	Number of questions on the Red Seal exam	Based on your self-rating, how many of the questions do you think you will get correct?

Task D-13 Repairs driveline systems.
    D-13.01 Repairs drive shafts and axles.
    D-13.02 Repairs manual transmissions/transaxles.
    D-13.03 Repairs automatic transmissions/transaxles.
    D-13.04 Repairs clutches.
    D-13.05 Repairs transfer cases.
    D-13.06 Repairs final drive assemblies.
	☐	☐	☐	7	

Total number of questions for this section:				**18**	SUM OF YOUR EXPECTED CORRECT ANSWERS

Red Seal Exam Self-Assessment Guide – Automotive Service Technician

	● **LOW** **Understanding / Experience**	● **MEDIUM** **Understanding / Experience**	● **HIGH** **Understanding / Experience**	**Number of questions on the Red Seal exam**	**Based on your self-rating, how many of the questions do you think you will get correct?**
E – Diagnoses and repairs electrical and comfort control systems					
Task E-14 Diagnoses electrical systems and components. E-14.01 Diagnoses basic wiring and electrical systems. E-14.02 Diagnoses starting/charging systems and batteries. E-14.03 Diagnoses lighting and wiper systems. E-14.04 Diagnoses entertainment systems. E-14.05 Diagnoses electrical options. E-14.06 Diagnoses instrumentation and information displays. E-14.07 Diagnoses electrical accessories.	❑	❑	❑	9	

	● LOW Understanding / Experience	● MEDIUM Understanding / Experience	● HIGH Understanding / Experience	Number of questions on the Red Seal exam	Based on your self-rating, how many of the questions do you think you will get correct?

Task E-15 Repairs electrical systems and components.
    E-15.01 Repairs basic wiring and electrical systems.
    E-15.02 Repairs starting/charging systems and batteries.
    E-15.03 Repairs lighting and wiper systems.
    E-15.04 Repairs entertainment systems.
    E-15.05 Repairs electrical options.
    E-15.06 Repairs instrumentation and information displays.
    E-15.07 Installs electrical accessories.
    E-15.08 Repairs electrical accessories.
	❑	❑	❑	4	

Task E-16 Diagnoses heating, ventilation and air conditioning (HVAC) and comfort control systems.
    E-16.01 Diagnoses air flow control systems.
    E-16.02 Diagnoses refrigerant systems.
    E-16.03 Diagnoses heating systems.
	❑	❑	❑	5	

	● LOW Understanding / Experience	● MEDIUM Understanding / Experience	● HIGH Understanding / Experience	Number of questions on the Red Seal exam	Based on your self-rating, how many of the questions do you think you will get correct?
Task E-17 Repairs HVAC and comfort control systems. E-17.01 Repairs air flow control systems. E-17.02 Repairs refrigerant systems. E-17.03 Repairs heating systems.	☐	☐	☐	3	
					SUM OF YOUR EXPECTED CORRECT ANSWERS
Total number of questions for this section:				**21**	

	LOW Understanding / Experience	MEDIUM Understanding / Experience	HIGH Understanding / Experience	Number of questions on the Red Seal exam	Based on your self-rating, how many of the questions do you think you will get correct?
F – Diagnoses and repairs steering and suspension, braking, control systems, tires, hubs and wheel bearings					

Task F-18 Diagnoses steering and suspension, braking, control systems, tires, wheels, hubs and wheel bearings.
    F-18.01 Diagnoses steering, suspension and control systems.
    F-18.02 Diagnoses braking and control systems.
    F-18.03 Diagnoses tires, wheels, hubs and wheel bearings.
	❑	❑	❑	15	

Task F-19 Repairs steering and suspension, braking, control systems, tires, wheels, hubs and wheel bearings.
    F-19.01 Repairs steering, suspension and control systems.
    F-19.02 Repairs braking and control systems.
	❑	❑	❑	11	

					SUM OF YOUR EXPECTED CORRECT ANSWERS
Total number of questions for this section:				**26**	

	● LOW Understanding / Experience	● MEDIUM Understanding / Experience	● HIGH Understanding / Experience	Number of questions on the Red Seal exam	Based on your self-rating, how many of the questions do you think you will get correct?
G – Diagnoses and repairs restraint systems, body components, accessories and trim					
Task G-20 Diagnoses restraint systems, body components, accessories and trim. G-20.01 Diagnoses restraint system. G-20.02 Diagnoses wind noises, rattles and water leaks. G-20.03 Diagnoses interior and exterior components, accessories and trim.	❑	❑	❑	6	
Task G-21 Repairs restraint systems, body components, accessories and trim. G-21.01 Repairs restraint systems. G-21.02 Repairs wind noises, rattles and water leaks. G-21.03 Repairs interior and exterior components, accessories and trim. G-21.04 Repairs latches, locks and movable glass.	❑	❑	❑	4	
					SUM OF YOUR EXPECTED CORRECT ANSWERS
Total number of questions for this section:				**10**	

	● LOW Understanding / Experience	● MEDIUM Understanding / Experience	● HIGH Understanding / Experience	Number of questions on the Red Seal exam	Based on your self-rating, how many of the questions do you think you will get correct?
H – Diagnoses and repairs hybrid and electric vehicles (EV)					
Task H-22 Diagnoses hybrid and EV. H-22.01 Implements specific safety protocols for hybrid and EV. H-22.02 Diagnoses hybrid and EV systems.	❑	❑	❑	4	
Task H-23 Repairs hybrid and EV. H-23.01 Repairs hybrid vehicle systems H-23.02 Repairs EV systems.	❑	❑	❑	2	
Total number of questions for this section:				6	SUM OF YOUR EXPECTED CORRECT ANSWERS
Now, add up the totals you gave yourself for each section.				TOTAL NUMBER OF QUESTIONS 125	MY EXPECTED TOTAL

Interpreting your Self-Assessment

What score did you give yourself?

Divide it by the number of questions to get a percentage.

The passing mark for the Red Seal exam is 70%. If you rated yourself higher than that overall, you feel pretty confident that your experience and knowledge in the trade are good enough for a pass. However, remember that this self-assessment is just a guide. We still encourage you to develop a study plan and to consider the areas where you rated yourself as less confident.

If your overall score is less than 70%, you might have more work to do. Look more closely at your scores section by section. What are the areas where you have the most to gain?

Look over the Red Seal Exam Preparation Guide for more advice.