



NATEF END OF PROGRAM TEST SPECIFICATIONS

Effective January 1, 2008

SUSPENSION AND STEERING

Content Area	Questions In Test
A. Steering Systems Diagnosis and Repair	11
B. Suspension Systems Diagnosis and Repair	11
C. Wheel Alignment Diagnosis, Adjustment, and Repair	12
D. Wheel and Tire Diagnosis and Repair	<u>6</u>
TOTAL	40
Required To Pass: 19 of 40	

BRAKES

Content Area	Questions In Test
A. Hydraulic System Diagnosis and Repair	9
B. Drum Brake Diagnosis and Repair	6
C. Disc Brake Diagnosis and Repair	9
D. Power Assist Units Diagnosis and Repair	3
E. Miscellaneous (Wheel Bearing, Parking Brakes, Electrical, Etc.)	4
F. Anti-Lock Brake System	<u>9</u>
TOTAL	40
Required To Pass: 20 of 40	

ELECTRICAL/ELECTRONIC SYSTEMS

Content Area	Questions In Test
A. General Electrical System Diagnosis	10
B. Battery Diagnosis and Repair	5
C. Starting System Diagnosis and Repair	5
D. Charging System Diagnosis and Repair	5
E. Lighting System Diagnosis and Repair	5
F. Gauges, Warning Devices, and Driver Information Systems Diagnosis and Repair	3
G. Horn and Wiper/Washer Diagnosis and Repair	3
H. Accessories Diagnosis and Repair	<u>4</u>
TOTAL	40
Required To Pass: 20 of 40	

ENGINE PERFORMANCE

Content Area	Questions In Test
A. General Engine Performance	8
B. Computerized Engine Controls Diagnosis and Repair	10
C. Ignition System Diagnosis and Repair	6
D. Fuel, Air Induction, and Exhaust System Diagnosis and Repair	6
E. Emissions Control Systems Diagnosis and Repair	5
F. Engine Related Service	<u>5</u>
TOTAL	40
Required To Pass: 20 of 40	



ENGINE REPAIR

Content Area	Questions In Test
A. General Engine Diagnosis; Removal and Reinstallation (R&R)	9
B. Cylinder Head and Valve Train Diagnosis and Repair	12
C. Engine Block Assembly Diagnosis and Repair	6
D. Lubrication and Cooling Systems Diagnosis and Repair	9
E. General Knowledge	4
TOTAL	40
Required To Pass: 23 of 40	

HEATING AND AIR CONDITIONING

Content Area	Questions In Test
A. A/C System Diagnosis and Repair	8
B. Refrigeration System Component Diagnosis and Repair	8
C. Heating, Ventilation, and Engine Cooling Systems Diagnosis and Repair	4
D. Operating Systems and Related Controls Diagnosis and Repair	12
E. Refrigerant Recovery, Recycling, and Handling	4
F. General	4
TOTAL	40
Required To Pass: 20 of 40	

AUTOMATIC TRANSMISSION AND TRANSAXLE

Content Area	Questions In Test
A. General Transmission and Transaxle Diagnosis	18
B. Transmission and Transaxle Maintenance and Adjustment	4
C. In-Vehicle Transmission and Transaxle Repair	6
D. Off-Vehicle Transmission and Transaxle Repair	8
E. General Knowledge	4
TOTAL	40
Required To Pass: 22 of 40	

MANUAL DRIVE TRAIN AND AXLES

Content Area	Questions In Test
A. General Drive Train Diagnosis	5
B. Clutch Diagnosis and Repair	5
C. Transmission/Transaxle Diagnosis and Repair	7
D. Drive Shaft and Half Shaft, Universal and Constant-Velocity (CV) Joint Diagnosis and Repair	5
E. Drive Axle Diagnosis and Repair	6
F. Four-Wheel Drive/All-Wheel Drive Component Diagnosis And Repair	7
G. General	5
TOTAL	40
Required To Pass: 21 of 40	

Note: Each test could have up to 10 additional questions that are included for statistical research purposes only. Your answers to these questions will not affect your score, but since you will not know which ones they are, you should answer all questions in the test.



COLLISION REPAIR AND REFINISHING SERIES
Effective January 1, 2008

PAINTING AND REFINISHING

Content Area	Questions In Test
A. Safety Precautions	7
B. Surface Preparation	8
C. Spray Gun and Related Equipment Operation	5
D. Paint Mixing, Matching, and Applying	9
E. Paint Defects – Cause and Cures	7
F. Final Detail	4
	Total
	40
Required To Pass: TBD following the first administration.	

Note: The Painting and Refinishing test will be offered for the first time in the Spring 2008 EOP testing window. For this administration only, the test will contain twice the number of questions than normal. This is necessary to statistical validate the final question set that will be utilized for scoring. Instructors should schedule sufficient time for testing (two hours are allowed by the computerized test delivery platform). Student scores for this test will be mailed to the instructor following the close of the testing window.