

Name \_\_\_\_\_

**MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.**

- 1) Using 100% coolant in the cooling system improves the cooling capacity of the system. 1) \_\_\_\_\_  
A) True  
B) False
  
- 2) Adding a chemical to make ethylene glycol bitter to the taste is called \_\_\_\_\_. 2) \_\_\_\_\_  
A) Passivation  
B) Embittered  
C) Refractometer  
D) Electrolysis
  
- 3) Normal oil pump pressure in an engine is \_\_\_\_\_ PSI. 3) \_\_\_\_\_  
A) 3 to 7  
B) 10 to 60  
C) 100 to 120  
D) 180 to 210
  
- 4) Technician A says that oil pressure is normally higher when the engine is cold. Technician B says 4) \_\_\_\_\_  
that normal engine oil pump pressure ranges from 20 to 90 psi (200 to 425 kPa) or 20 psi for  
every 1000 engine RPM. Who is right?  
A) A only  
B) B only  
C) Both A and B  
D) Neither A nor B
  
- 5) DEX-COOL is what type of coolant? 5) \_\_\_\_\_  
A) Propylene glycol  
B) Ethylene glycol  
C) OAT  
D) Both B and C
  
- 6) All these are functions of coolant EXCEPT \_\_\_\_\_. 6) \_\_\_\_\_  
A) Corrosion inhibitor  
B) Rust inhibitor  
C) Water pump lubricant  
D) All of these are functions of coolant
  
- 7) A windage tray in the oil pan helps to reduce \_\_\_\_\_ in the engine oil. 7) \_\_\_\_\_  
A) Boiling  
B) Foaming  
C) Noise  
D) Pressure

- 8) Which mixture of coolant/ water solution below is recommended for general automotive use? 8) \_\_\_\_\_
- A) 30/70
  - B) 50/50
  - C) 100/0
  - D) 70/30
- 9) Some manufacturers recommend using only pre-mixed coolant in their vehicles. 9) \_\_\_\_\_
- A) True
  - B) False
- 10) The additives used in coolants such as the dye and anticorrosion additives are about what percentage of the coolant? 10) \_\_\_\_\_
- A) 3%
  - B) 6-10%
  - C) 12-15%
  - D) 20-25%

## Answer Key

Testname: INTRO\_16A

1) B

Page Ref: 156

2) B

Page Ref: 158

3) B

Page Ref: 152

4) A

Page Ref: 152

5) D

Page Ref: 157

6) D

Page Ref: 156

7) B

Page Ref: 155

8) B

Page Ref: 156

9) A

Page Ref: 157

10) A

Page Ref: 157