ANSWERS TO QUIZ:
1. e) All of the above

2. a) Quality ingredients and exceeding industry standards

3. e) All of the above

4. i) c-Detergents; ii) b-Dispersants

5. (all apply)
   a) Engine oil performance category (S= Gasoline Engines and C= Heavy Duty and Diesel Engines
   b) SAE viscosity grade
   c) Resource Conserving (Specifies oil meets fuel economy requirements)

6. Winter

7. (all but b) apply)
   a) Frequent short trips
   c) Hauling or towing
   d) Driving in dusty conditions
   e) Driving in extreme hot or cold temperatures

8. e) All of the above

9. c) Owner's manual based on driving habits

10. Condition: 
    b) Engines are cold at start-up and not while running
    c) All engines exhibit wear over time
    a) If oil is thicker, engines lose power & efficiency

    Benefit:
    b) Synthetic provides maximum protection in extreme hot and cold temperature conditions
    c) Synthetic improves engine protection by resisting oil breakdown
    a) Synthetic has greater resistance to oil thickening to maintain engine efficiency

11. Myth – modern full synthetics are fully compatible with conventional oils because they use similar types of additive chemistry.

12. Symptom:
    b) Engine seals become brittle & shrink causing leaks
    c) More rapid rate of engine wear
    a) Increased blow-by gases and deposit formation

    Benefit:
    b) Contain special seal conditioners to help leaks
    c) Extra anti-wear additives to reduce friction
    a) Extra detergents to reduce deposits