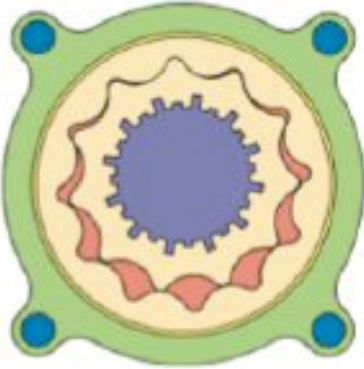Name_____

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

1) What type of oil pump is this?   1) _____

    A) A gerotor pump driven by the crankshaft
    B) A vane pump driven by the crankshaft
    C) A gerotor pump driven by the camshaft
    D) A rotary pump driven by the camshaft

2) Oil leaving the oil filter is delivered to the oil passages.   2) _____
    A) True
    B) False

3) Two technicians are discussing oil pumps. Technician A says that many oil pumps are driven   3) _____
   directly off the front of the crankshaft. Technician B says that some are driven from the
   distributor if the engine uses a distributor–type ignition system. Which technician is correct?
    A) Technician A only
    B) Technician B only
    C) Both technicians
    D) Neither technician

4) What type of oil pump is driven by the crankshaft?   4) _____
    A) Gerotor
    B) Internal/external gear
    C) External gear
    D) Both A and B

5) The oil pressure relief valve controls _____ oil pressure in the lubrication system.   5) _____
    A) maximum
    B) minimum
    C) nominal
    D) average

6) A typical oil pump can pump how many gallons per minute? 6) _____
    A) 3 to 6 gallons
    B) 6 to 10 gallons
    C) 10 to 60 gallons
    D) 50 to 100 gallons

7) An engine oil cooler usually uses what to cool the oil? 7) _____
    A) Coolant
    B) Air
    C) Air conditioning evaporator output
    D) Automatic transmission fluid after it flows through the radiator

8) The oil drains back to the oil pan through _____. 8) _____
    A) drain pumps
    B) drainback holes
    C) the pushrods
    D) the camshaft

9) Oil passages in an engine block are called _____. 9) _____
    A) holes
    B) galleries
    C) runners
    D) pathways

10) Hydrodynamic lubrication, created by the wedging action of oil between the crankshaft journal 10) _____
and bearing, can be as high as _____ PSI.
    A) 60
    B) 120
    C) 500
    D) 1000

1) A
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2) A
   Page Ref: 229
3) C
   Page Ref: 228
4) D
   Page Ref: 228
5) A
   Page Ref: 229
6) A
   Page Ref: 227
7) A
   Page Ref: 234
8) B
   Page Ref: 232
9) B
   Page Ref: 230
10) D
   Page Ref: 226