Name_____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.
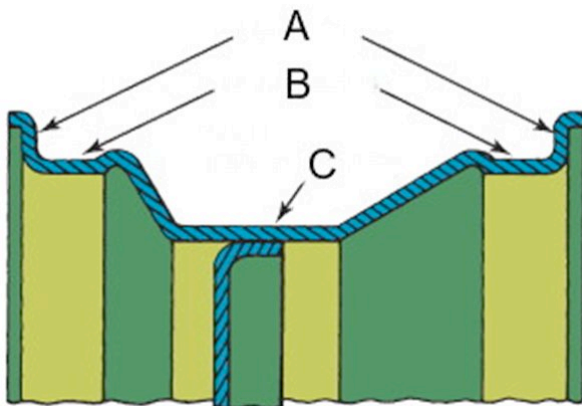
1) Technician A says to always purchase replacement tires with the same or greater speed rating as   1) _____
   when the vehicle was new. Technician B says to install the same type of tire (example: m+s) on
   all wheels. Which technician is correct?
   A) Technician A only
   B) Technician B only
   C) Both technicians
   D) Neither technician

2) The part of the tire that is just under the tread of a radial tire is called the _____.   2) _____
   A) bead
   B) body (carcass) ply
   C) belt
   D) inner liner

3) If the center section of a wheel is outward from the wheel center line, it has _____.   3) _____
   A) positive offset
   B) negative offset
   C) zero offset
   D) reverse offset

4) When selecting new tires for a vehicle, all are an important consideration EXCEPT _____.   4) _____
   A) tire size
   B) size of the lettering on the sidewall
   C) speed rating
   D) tire width

5) Which part of the wheel shown is responsible for holding the tire beads in place?   5) _____

   A) A
   B) B
   C) C
   D) None of these

6) Technician A says that the load index marked on the tire indicates the maximum load the vehicle   6) _____
can carry. Technician B says that the load index marked on the tire indicates the maximum load
each tire is designed to carry. Which technician is correct?
    A) Technician A only
    B) Technician B only
    C) Both technicians
    D) Neither technician

7) Which size lug nut would fit a metric wheel stud?   7) _____
    A) 7/16-20 LH
    B) 1/2 × 20
    C) M12 × 1.5
    D) 7/16-20 RH

8) Hydroplaning can occur at speeds as low as _____.   8) _____
    A) 30 mph
    B) 40 mph
    C) 45 mph
    D) 55 mph

9) Some vehicles use lug bolts instead of lug nuts.   9) _____
    A) True
    B) False

10) Front-wheel drive vehicles usually use what type of wheel?   10) _____
    A) Negative offset
    B) Positive offset
    C) Zero offset
    D) Either A or B

1) C
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2) C
   Page Ref: 1339
3) A
   Page Ref: 1351
4) B
   Page Ref: 1350
5) A
   Page Ref: 1351
6) B
   Page Ref: 1342
7) C
   Page Ref: 1354
8) A
   Page Ref: 1338
9) A
   Page Ref: 1354
10) B
   Page Ref: 1351