3.7			
Name			

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

1) Which part of a synchronizer is splined to a shaft?

1) _____

- A) Synchronizer sleeve
- B) Hub
- C) Synchronizer blocker ring
- D) Speed gear
- 2) The detent mechanism inside a transmission is used to _____.

2)

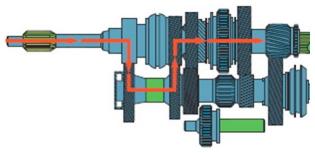
- A) locate the synchronizer sleeves in the correct position
- B) prevent more than one shift fork from moving at one time
- C) both A and B
- D) neither A nor B
- 3) A five-speed transmission is in fourth gear. Which is correct?

3) _____

- A) There is a 1:1 gear ratio.
 - B) The 3-4 synchronizer has engaged the input shaft gear.
- C) Both A and B
- D) Neither A nor B
- 4) The driving gear has 15 teeth and the driven gear has 29 teeth. Technician A says that the output gear will be going faster than the input gear. Technician B says the ratio is 3.86:1. Which technician is correct?
- 4) _____

- A) Technician A only
- B) Technician B only
- C) Both technicians
- D) Neither technician
- 5) What gear is engaged in this transmission?

5)



- A) 1st gear
- B) 2nd gear
- C) 3rd gear
- D) Reverse

6) What is the gear ratio of this gear set?			
DRIVEN GEAR			
A) 2 to 1 B) 3 to 1 C) .33 to 1 D) None of these			
7) A rear-wheel drive 5-speed manual transmission is being discussed. What is the gear ratio when the transmission is in 4th gear? A) 1.5 to 1 B) 1 to 1 C) 3 to 1 D) 8 to 1	7)		
8) When one synchronizer is shifted into gear, the movement of the other shifter forks is blocked by the A) detents B) interlocks C) both A and B D) neither A nor B	8)		
 9) A five-speed transmission is in third gear. Which is correct? A) The 1-2 synchronizer is in neutral. B) The 3-4 synchronizer is moved to engage third gear. C) Both A and B D) Neither A nor B 	9)		
 10) Technician A says that snap rings are used to hold many components of a manual transmission/transaxle. Technician B says that snap rings have a "right side" that should always face up so that the snap ring pliers can be applied. Which technician is correct? A) Technician A only B) Technician B only C) Both technicians 	10)		

D) Neither technician

Answer Key

Testname: AT6_127A

- 1) B
 - Page Ref: 1588
- 2) A
- Page Ref: 1587
- 3) C
 - Page Ref: 1591
- 4) D
 - Page Ref: 1584
- 5) C
 - Page Ref: 1591
- 6) B
- Page Ref: 1584
- 7) B
 - Page Ref: 1591
- 8) B
 - Page Ref: 1587
- 9) C
 - Page Ref: 1591
- 10) C
 - Page Ref: 1595