

Automatic Transmissions and Transaxles 8th Edition

Chapter 19

Multiple Choice Quiz B

Name: _____ Date: _____

1. What is the primary purpose of bushings in transmission systems?
 - A. To support rotating shafts
 - B. To control fluid flow
 - C. To engage the clutch
 - D. To regulate temperature

2. Which type of cleaning is increasingly used due to environmental concerns?
 - A. Petroleum-based solvent cleaning
 - B. Microbial cleaning
 - C. Water-based chemical cleaning
 - D. Ultrasonic cleaning

3. What is a key characteristic of microbial cleaning in transmission maintenance?
 - A. Uses high-pressure water jets
 - B. Employs single-celled bacteria to remove contaminants
 - C. Involves chemical reactions with metals
 - D. Requires extreme temperatures

4. When inspecting a transmission case, what should be checked or serviced after cleaning?
 - A. Electrical connections
 - B. Gear alignment
 - C. Sensor functionality
 - D. Fluid passages and bushings

5. What is the recommended procedure when a rough, badly scored drum is found during inspection?
 - A. Lubrication
 - B. Repair
 - C. Replacement
 - D. Adjustment

6. In the context of transmission repair, what is the significance of an end-play check?
 - A. To verify electrical connectivity
 - B. To ensure proper fluid pressure
 - C. To check for excessive wear of thrust washers
 - D. To measure temperature resistance

7. What is a crucial step when rebuilding a clutch in a transmission system?
 - A. Aligning the gears
 - B. Replacing friction plates and piston seals
 - C. Testing electrical circuits
 - D. Calibrating the sensors

8. What is the purpose of air testing in transmission assembly?

- A. To check for proper operation of clutches and bands
- B. To ensure correct gear alignment
- C. To test the electrical system
- D. To measure fluid viscosity

9. What is a typical procedure for inspecting one-way clutches (OWCs) during transmission reassembly?

- A. Checking for electrical faults
- B. Visual inspection for wear or damage
- C. Measuring fluid flow
- D. Testing gear synchronization

10. When dealing with Teflon sealing rings during transmission service, what technique is recommended for easier installation?

- A. Cooling in a freezer
- B. Applying a special lubricant
- C. Using a magnetic tool
- D. Heating in hot water

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Answer Key

1. A

2. C

3. B

4. D

5. C

6. C

7. B

8. A

9. B

10. D