

- C. anemometer
D. millimeter
- h) The purpose of turning radius gauges is to measure the 1
A. contact area of the tires
B. free play of the steering wheel
C. turning radius of the left and right wheel
D. difference in the toe angle of the left and right wheel
- i) Transmission noise in neutral could result from 1
A. Worn gears
B. Loose propeller shaft
C. Misadjusted gear linkage
D. None of the above
- j) Which among the following constitutes the major load for an automobile battery ? 1
A. Brake light
B. Self starter
C. Parking lights
D. Spark plugs
- k) The automobile transmission is removed from the car by taking it out 1
A. From under car
B. Through driving compartment
C. Through engine compartment
D. Can't Remove
- l) Parts of the clutch that should not be cleaned in solvent include the 1
A. Friction disc and throw out bearing
B. Friction disc cover
C. Throw out bearing and springs
D. Release levers and springs
- m) The condition that causes vapour locking in a brake system is 1
A. overheating of the fluid due to frequent brake application
B. overcooling of the brakes during high speed driving
C. keeping the vehicle without use for an extended period
D. an excessively high engine speed on a downhill road
- n) The Damper fluid leakage typically occur from 1
A. Upper damper mounting
B. Bottom damper
C. Clearance between inner and outer tubes of damper
D. Coil Spring mounting

Attempt any four questions from Q-2 to Q-8

- Q-2 Attempt all questions (14)**
a) Explain collapsible steering and tiltable steering wheel with neat sketch. 7
b) With neat sketch explain about wheel Balancing. 7
- Q-3 Attempt all questions (14)**
a) With neat sketch Discuss various bumper design for safety in detail. 7
b) How to diagnose oil leak in engine? Explain the prevention techniques for oil leak. 7
- Q-4 Attempt all questions (14)**
a) Explain deformation behavior of vehicle body in detail. 5
b) Explain various leak detection techniques for cooling system in detail. 5
c) Write a short note on interior safety 4
- Q-5 Attempt all questions (14)**
a) Explain the dent repair procedure. 7



	b)	Explain engine assembly procedure in detail.	7
Q-6		Attempt all questions	(14)
	a)	Explain in detail about different methods for bleeding of brake .	7
	b)	What is Cylinder boring? Explain it in detail with step-by-step procedure for boring cylinder.	7
Q-7		Attempt all questions	(14)
	a)	With neat sketch describe toe adjustment.	7
	b)	Discuss safety precautions in maintenance.	7
Q-8		Attempt all questions	(14)
	a)	Explain engine removal and disassembly procedure in detail.	7
	b)	Draw and explain vehicle maintenance check sheet used in service stations.	7

