

QUESTION BANK

Unit Test I1

Sub :- Automobile Engg. (AEN)

Sub Code:- 315372

Academic Year:- 2025-26 (K- SCHEME)

CHAPTER 3:- Automobile Control Systems

Question for 2 Marks :-

- Define i) Toe-in ii) Toe-out..
- Give the function of steering system.
- Define King Pin inclination.
- Give classification of brakes

Question for 4 and 6 Marks :-

- What are the requirements of steering systems?
- List components of a vehicle counted in sprung and un-sprung weight.
- Differentiate between disc brake and drum brake.
- Describe pneumatic braking system with neat sketch and state its advantages.

CHAPTER 4:- Automobile Suspension, wheels and tyres

Question for 2 Marks :-

- State function of suspension system in automobile
- List various types of rim used in automobiles.
- List the sources of vibration in automobile.
- Write function of wheel.

Question for 4 and 6 Marks :-

- Describe with neat sketch the construction and working of leaf spring
- Describe working of Mac-Pharson suspension system with neat sketch.
- Explain with neat sketch working of Telescopic shock absorber.
- Write any four advantage of tubeless tyre over tube tyre.

CHAPTER 5:- Introduction to Auto Electrical Systems

Question for 2 Marks :-

- State any two function of battery
- Explain battery capacity and rating

Question for 4 and 6 Marks :-

- Explain the construction and working of lead-acid battery with neat sketch.
 - Explain battery ignition system for four cylinder engine.
 - Enlist various colour code used in wiring system. State its necessity.
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