

 NARSIMHA REDDY ENGINEERING COLLEGE UGC AUTONOMOUS INSTITUTION Your roots to success...	Maisammaguda (V), Kompally - 500100, Secunderabad, Telangana State, India	UGC - Autonomous Institute Accredited by NBA & NAAC with 'A' Grade Approved by AICTE Permanently affiliated to JNTUH
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QUESTION BANK

Course Title : AUTOMOBILE ENGINEERING
Course Code : 23ME704
Regulation: NR23

UNIT-IV

Braking System & Steering System				
SNo	Question	Bloom's Taxonomy level	CO1	1,3
1	What are the various components needed in the steering system and explain the importance of camber?	Understand	CO4	1,4
2	Explain the construction and working of Ackerman Steering gear system used in automobiles.	Understand	CO4	1,4
3	What are the requirements to be considered in the selection of wheels and explain different wheels used on automobiles	Remember	CO4	1,4
4	Sketch and explain the Davis steering mechanism and mention its advantages and others	Understand	CO4	1,4
5	Draw a layout of booster hydraulic brake system and explain the function of each component	Remember	CO4	1,4
6	Explain mechanical brake system with neat sketch.	Understand	CO4	1,4
7	Explain any one type of steering linkages	Understand	CO4	1,4
8	Define the following: a) King pin inclination b) Caster and camber c) Toe -in and Toe-out	Understand	CO4	1,4
9	Explain the construction and working of Tandem Master cylinder	Understand	CO4	1,4
10	Explain about torque convertor with neat sketch	Understand	CO4	1,4

Blooms Taxonomy Level (BT)

(L1 – Remembering; L2 – Understanding; L3 – Applying;
 L4 – Analyzing; L5 – Evaluating; L6 – Creating)

Course Outcomes (CO)

Program Outcomes (PO)

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