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Question Paper Code : 42856

B.E./B.Tech. DEGREE EXAMINATION, APRIL/MAY 2018
Sixth Semester
Mechanical Engineering
ME 2354 – AUTOMOBILE ENGINEERING
(Regulations 2008)

**(Common to PTME 2354 – Automobile Engineering for B.E.
(Part-Time) Fifth Semester – Mechanical Engineering – Regulations 2009)**

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions.

PART – A

(10×2=20 Marks)

1. Name any 3 conventional vehicle frame sections.
2. Mention the types of piston rings used in an IC engine.
3. Compare and contrast between carburation and fuel injection in SI engines.
4. State the importance of using an intercooler with turbocharger.
5. Mention the need of using an overdrive in two wheelers.
6. Write down the importance of using universal joints in the driveline of a vehicle.
7. Differentiate between passive and semi-active suspension systems.
8. List any 2 de-merits of using a straight front axle.
9. Define "Bio-diesel" with any 1 example.
10. Expand the term CNG. What is the main composition of it?

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R.K. Singal



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An Introduction to Automobile Engineering N. R. Khatawate,1986 *Text Book for Dyke's Home Study Course of Automobile Engineering* Andrew Lee Dyke,1920 **Automobile Engineering** Manoj Dole, Automobile Engineering is a simple e Book for Automobile Diploma Engineering Course Revised Syllabus in 2024 It contains Theory covering all topics including all about the latest Important about Automobile Mechanics Applied Science Lab Automobile Workshop Practice Auto Electrical and Electronics Automobile Workshop Tech Auto Repair and Maintenance Automotive Engine Auxiliary Systems Automobile Chassis and Transmission Automotive Engines Automobile Machine Shop Automotive Estimation and Costing Automotive Pollution and Control Engine and Vehicle Testing Lab Basic Computer Skills lab English Communication Basic Electrical and Electronics Engineering Hydraulics Pneumatics and Power Plant C Programming CAD Practice Machine Design and Theory of M Cs Computer Aided Engineering Graphics Mechanical Testing Lab Modern Vehicle Technology Thermal engineering I Motor Vehicle Management Vehicle Maintenance Organizational Management Vehicle Maintenance Lab Project Industrial Visit and Seminar Foundry Welding and Sheet Metal Practice Special Vehicle and Equipment Strength of Materials and lots more *Automotive Engineering* ,1916 **Automobile Engineering** ,1922 **Automobile Engineering** ... Institution of Automobile Engineers,1942 **Automobile Engineering** American Technical Society,2017-10-26 Excerpt from Automobile Engineering A General Reference Work Welding Field The welding process is undoubtedly one Of the greatest contributors to the efficient and economical manufacture Of the modern automobile It has made possible higher standards Of body design and may be given almost exclusive credit for the light weight and great strength Of the present day motor car producing stronger and better working parts through the use Of pressed steel instead Of the heavy castings or riveted parts such as axle housings Fig L and manifolds tanks bodies etc Fig 2 About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books Find more at www.forgottenbooks.com This book is a reproduction of an important historical work Forgotten Books uses state of the art technology to digitally reconstruct the work preserving the original format whilst repairing imperfections present in the aged copy In rare cases an imperfection in the original such as a blemish or missing page may be replicated in our edition We do however repair the vast majority of imperfections successfully any imperfections that remain are intentionally left to preserve the state of such historical works

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