

# LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
5/6	5/12/2016	Introduction of Automobile Engineering, components of four wheeler Auto-mobiles.	I	C.R		
1	7/12/2016	Power transmissions, Rear wheel drive, Front wheel drive, 4 wheel drive	I	"		
3	8/12/2016	Types of Automobile Engines	I	"		
5/6	12/12/2016	Turbocharging and Super charging.	I	"		
1	14/12/2016	Engine lubrication, splash, pressure, lubrication systems.	I	"		
3	15/12/2016	oil filters - Type and oil pumps - Type.	I	"		
5/6	17/12/2016	Crank case ventilation, positive crankcase ventilation.	I	"		
1	21/12/2016	Emission from Automobiles, pollution standards.	I	"		
3	22/12/2016	National and International standards	I	"		
5/6	26/12/2016	pollution control technology, Multipoint fuel Injection for SI engines.	I	"		

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1	28/12/16	S.I engine fuel supply systems.	II	CR		
3	29/12/16	Mechanical and Electrical fuel pump.	II	CR		
5/6	2/1/2017	Fuel filters carburetor.	II	CR		
1	4/1/2017	Types - Air filters	II	CR		
3	5/1/2017	Petrol Injection.	II	CR		
5/6	9/1/2017	Requirements of Diesel Injection system.	II	CR		
1	11/1/2017	Types of Injection systems.	II	CR		
3	12/1/2017	Fuel pump, nozzle.	II	CR		
5/6	16/1/2017	Spray formation, Injection timing	II	CR		
1	18/1/2017	Setting of fuel pumps.	II	CR		



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<del>3</del>	<del>19/1/2017</del> 25/1/2017	MED - I EXAMINATION				
			III	ce		
5/6	25/1/2017	Cooling requirements, Air cooling, liquid cooling.	III	11		
				11		
1	25/1/2017	Thermo water cooling.	III	11		
		water and forced circulation system.				
3	26/1/2017	Radiators, Types - cooling fan	III	11		
5/6	30/1/2017	water pump, Thermo, - stat.	III	11		
1	1/2/2017	Evaporating cooling pressure sealed cooling	III	11		
3	2/2/2017	Antifreeze solutions.	III	11		
5/6	6/2/2017	Functions of Ignition system, Battery Ignition system.	III	11		
1	8/2/2017	constructional features of storage battery.	III	11		
3	9/2/2017	Auto transformer contact breaker points.	III	11		
5/6	13/2/2017	condenser and spark plug magneto coil ignition system.	III	11		

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	15/2/2017	Electronic Ignition system using contact breaker	<u>III</u>	c-o		
3	16/2/2017	Electronic Ignition using contact triggers,	<u>III</u>	"		
5/6	20/2/2017	spark advance and retard mechanism	<u>III</u>	"		
1	22/2/2017	Introduction to Electrical systems, charging circuit, Generator,	<u>IV</u>	"		
3	23/2/2017	current regulator, voltage regulator, starting system, Bendix drive mechanism	<u>IV</u>	"		
5/6	27/2/2017	solenoid switch, Lighting systems, Horn, wiper, Fuel gauge	<u>IV</u>	"		
←	01/03/2017 to 03/03/2017	MID - II EXAMINATIONS →				
5/6	06/03/2017	oil pressure gauge, Engine temperature indicator.	<u>IV</u>	"		
1	08/03/2017	clutches, principle, Types, cone clutch, single plate clutch, Multi plate clutch.	<u>IV</u>	"		
3	09/03/2017	magnetic centrifugal clutches, Fluid fly wheels, Gear box, Types - sliding mesh,	<u>IV</u>	"		
5/6	13/3/2017	constant mesh, synchro mesh, epicyclic.	<u>IV</u>	"		



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1	15/3/2017	over drive torque converter, propeller	IV	C.R		
		shaft, Hotchkiss drive, Torque tube drive				
3	16/3/2017	universal joint, Differential, rear axle types, wheels and tires.	IV	"		
5/6	20/3/2017	steering geometry, camber, castor, king-pin rake.	V	"		
1	22/3/2017	Combined angle toe-in, centre point steering, Types of steering mechanism.	V	"		
3	23/3/2017	Ackerman, Davis steering mechanism, steering gears, types, steering linkage.	V			
5/6	27/3/2017	Mechanical Braking systems.	V			
1	29/3/2017	Hydraulic brake system	V			
3	30/3/2017	Master cylinder	V			
5/6	3/4/2017	wheel cylinder	V			
1	5/4/2017	Tandem master cylinder.	V			

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