	Enroll	ment No:		Exam Seat No:				
				UNIVERSITY				
	Summer Examination-2017							
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	Subject Name: Automotive Maintenance and Safety							
	Subject Code: 4TE05AMS1			Branch: B.Tech (Automobile)				
	Semest	ter: 5	Date: 28/03/2017	Time: 02:30 To 05:30	Marks: 70			
	Instruc	tions:						
	(2) (3)	Instruction Draw near	rogrammable calculator & any ons written on main answer be at diagrams and figures (if nec suitable data if needed.	•	ohibited.			
Q-1		_	the following questions:			(14)		
	a) b)		need of maintenance?					
	c)		Inspection schedule for a two	wheeler of 150cc.				
	d)			perform the maintenance procedu	re and			
	,	process.	71 1	•				
	e)		ous types of files.					
	f)	•	wheel alignment necessary?					
	g)		orque wrench?	1 4 1 0				
	h)	_	ases are mainly detected in ex	•				
	i) j)		you mean by clutch hard ped	om the vertical, when viewed from	m the front			
	J)		r, is called(Car		in the none			
	k)		per inspection is necessary af					
	l)	-	Function of anticorrosion and					
	m) n)		you mean by flushing of cool active safety?	ing system?				
Attor	•		·					
Q-2	empt any four questions from Q-2 to Q-8 Attempt all questions							
Q- <u>2</u>	a)	_	-	tenance and preventive maintenar	ice.	(07)		
	b)		-	e check sheet used in service stati		(07)		
Q-3		Attempt	all questions					
•	a)	_	construction and operation of	tyre changer.		(07)		
	b)	Explain 6	engine removal and disassemb	ply procedure		(07)		
Q-4		_	all questions					
	a)		procedure for engine tune up.		c 1 :	(07)		
	b)	What is (Cylinder honing? Explain it ir	n detail with step-by-step procedu	re for honing	(07)		



Q-5		Attempt all questions	
	a)	Which are the common clutch problems observed in the clutch? Explain their remedy in detail.	(07)
	b)	Describe common services procedure to be carried out for Differential.	(07)
Q-6		Attempt all questions	
	a)	Explain service, repair and overhaul process for suspension system.	(07)
	b)	List down various symptoms and possible faults in diesel injection system.	(07)
Q-7		Attempt all questions	
	a)	Discuss On-board diagnostic system.	(07)
	b)	Explain various leak detection techniques for cooling system	(07)
Q-8		Attempt all questions	
	a)	Explain briefly about air bag system.	(07)
	b)	Explain collapsible steering and tiltable steering wheel with neat sketch.	(07)

