1	Fir	stF	Ran	ıke	r.c	or	n									
1500	Firstranker's choice				w	www.FirstRanker.com					www.FirstRa				r.com	Ī
0	Ð	(e)	(d)	<u>c</u>	<u>ө</u>	a	ansv	Attc		ne:3		(SEI		er ID	ollow	nted
	State various vehicles.	List out the m	What is the pu	What is the dif	Draw P-v & T	State various t	answer of each part in short	impt all parts.	i e i e i e i e i e i e i e i e i e i e	me:3 hours	IOMOTUA	M. VII) THEO		: 140702	Following Paper ID	Printed Pages: 3
(£)	State various types of suspension used vehicles.	List out the main components of the Engine	What is the purpose of crankshaft?	ference in between	Draw P-v & T-s diagram for Otto Cycle	ypes of brakes used	in short.	Attempt all parts. All parts carry equal marks.	Section-A	3	AUTOMOBILE ENGINEERING	(SEM. VII) THEORY EXAMINATION, 2015-16	В.ТЕСН	Roll No.	and Roll No. to be filled in your Answer Book)	750
P.T.O.	on used in Auto-	f the Engine.	ıft?	What is the difference in between CI & SI Engines?	o Cycle.	State various types of brakes used in Auto-vehicles.	(2×10=20)	jual marks. Write	[TOTAL MARKS:100]	otal Marks:1001	NG	ON, 2015-16			be filled in your	EME-702

filled in your EME-702

EIRSTEAULKEY. COIN

www.FirstRanker.com

FIR	Firs	tRar	ıker	.com			
1500	Firstra	nker.⇔ c	hoic⊌∙	www.Fi	rstRanke	er.com	7
00 (2)	Explain the function of master cylinder with a neat sketch.	Describe the differential gear mechanism with the help a neat sketch.	Explain the working of a Drum brake with the help of neat sketch.	Describe the water cooling system for automotive petrol engines.	Explain the Ackerman steering mechanism with a neat sketch.	Draw and explain valve timing diagram for four stroke diesel engine.	Untille and max describes more and openions
EME-702	er with a neat	n with the help	ith the help of	iomotive petrol	sm with a neat	for four stroke	(10.0.01)

www.FirstRanker.com

9

- Ξ 9 What is the purpose of spark plug?
- Θ
- What is power steering?
- What is mechanical advantage?
- What are the advantages & disadvantages of CNG?
- Attempt any five questions from this section. $(10 \times 5 = 50)$ Section-B
- ve timing diagram for four stroke
- a steering mechanism with a neat
- of a Drum brake with the help of
- of master cylinder with a neat

21500

3

- Describe MPFI system with the help of neat sketch.
- ignition system with neat sketch? Describe the main components and working of Battery

Section-C

- Attempt any two questions from this section. (15×2=30)
- 10. What are the different types of maintenance done in automobiles? Explain briefly.
- 11. Explain with the help of a neat sketch, a pneumatic brake
- Explain the working of a synchromesh gearbox with the help of neat sketch.

www.FirstRanker.com