## Paper / Subject Code: 52251 / Vehicle Maintenance

**Total Marks: 80** 

**Duration: 3 Hours** 

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N.B.:	(1) All questions carry equal marks.	
	(2) Question No.1 Compulsory.	
	(3) Attempt any three from remaining five questions.	
<u>~6</u>	(3) Figures to the right indicate full marks.	
	(4) Draw neat sketches wherever necessary.	<
6	ight of the contract of the co	
1,	Write short notes on the following. (Any four) (20)	
3	(a) Explain Preventive Maintenance.	
(B)	(b) How to do Cylinder Head Servicing.	
400	(c) Two technicians are discussing a clutch master assembly. Technician A says the	4
	The external leaks are due to secondary seal. Technician B says hydraulic fluid is	)
-617	Hygroscopic to absorb moisture from atmosphere, who is correct?	
180	a) Technician A b) Technician B	
80,	c) Both A and B d) Neither A Nor B	
10	(d) Write a short note on Power Window	5
Ŝ	(e) Write a significance of fuse box and relays in electrical system.	
(B)		
5/0-	(f) Write a shote note on OBD II.	
NT 2	(A) Explain to nomical and diagnosis in details	1
Σ.	(a) Explain transmission diagnosis in details. (10)	5
D	(b) What are the components of suspension system and explain in details. (10)	
2	(a) Explain the major parts of typical air bag system in details. (10)	
, J.		
6	(b) Explain starting system diagnosis and service procedure in details. (10)	1
10	(a) Write a chart note on acquire and anti-thaft davide	7
4.	(a) Write a short note on security and anti-theft devices. (8)	
5	(b) Write a note on cam shaft inspection (6)	
3	(c) Write a note on catalytic converter (6)	
S)'	\$\frac{1}{2}\frac{1}\frac{1}{2}\f	7
3.	(a) Why discharging rate of battery in high in some cases? Explain its cause and	
667	Effects. (10)	
(6)	(b) Explain the diagnosis and servicing of fuel injection system. (10)	
190	<ul> <li>(a) Why discharging rate of battery in high in some cases? Explain its cause and Effects.</li> <li>(b) Explain the diagnosis and servicing of fuel injection system.</li> <li>(10)</li> <li>Write a short note on: (any four)</li> <li>(a) Flywheels</li> <li>(5)</li> <li>(5)</li> </ul>	<
6.	Write a short note on: (any four)	)
2)	(a) Flywheels (5)	
150	(b) Sound system	
600	(c) cigarette system. (5)	
,	(d) clock system. (5)	3
7	(e) ventilation system. (5)	
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5)	******	
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160,	12, 14, 16, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12	
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