QP Code: 5872

REVISED COURSE

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B (1) Oue	stion no. 1 is compulsory	
220000		empt any three questions out of remaining five questions.	
(0)	STATE HOUSE	w neat sketches to justify your answer.	
1.	J. Dia	w near sketches to justify your answer.	
1.	(a)	Explain the following with load path:-	(10)
4.4	(4)	(i) Closed integral structures (ii) Open Structures	301
		(III) Flat punt structures.	V
	(b)	Stepwise explain the overall design criteria for vehicle comparison of same class	(10)
	(5)	Stepwise explain the overall design criteria for vehicle comparison of same class	(10)
2.	(a)	What is preliminary design? Explain weight distribution of a passenger can	(10)
200	(b)		(10)
8	101	(i) Normal Control	. (20)
	10	(ii) Forward Control	
		(iii) Semi forward Control	
	A	(iv) Underfloor engine	
		(ii) diladiladi di gila	296
3.	(a)	what are the different material used in construction of the following:-	(10)
1	(-)	(i) Passenger car (ii) luxury bus	
	(b)	Explain latest trend in manufacturing of automobiles.	(10)
			1.4
'4.	(a)	Explain the different loads to which the Chassis frame is subjected.	(10)
	(b)	Explain the design requirement of driver's and passenger's seats.	(10)
5.	(a)	Explain the effect of aerodynamics forces acting on the vehicles.	(10)
	(b)	Draw and explain different ear body style.	(10)
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6	Wri	te Short notes :-	(20)
		(a) Master model (c) Spot welding	
		(b) Ergonomics (d) Body Painting	
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