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Speed range,	No. of vehicles
Kmph	observed
50 to 60	270
60 to 70	130
70 to 80	56
80 to 90	42
90 to 100	12

(**OR**)

90 to 100

No. of vehicles overtaki	No. of vehicles overtake	No. of vehicles from opposite
ng	n	direction
3	7	270
4	3	190
5	3	290
3	1	220
3	6	270
2	2	190
2	5	320
3	2	190

(14)

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	Q.	Code:27	Code:271804	
13(a)	Draw a 'Cloverleaf Interchange' and indicate the traffic movements. Also list the	(14)	3	2
	merits of the same.			
	(OR)			
13(b)	Describe the steps involved in signal design as per IRC.	(14)	3	2
14(a)	Explain in detail 'accident study' and draw required diagrams.	(14)	4	2
	(OR)			
14(b)	Explain in detail various traffic signs with neat sketches.	(14)	4	2
15(a)	Explain various Traffic Demand Management [TDM] techniques in detail.	(14)	5	2
	(OR)			
15(b)	Write short note on:	(14)	5	2
	(1) One-way street (3 marks)			

(2) Turning traffic (3 marks)

(3) Tidal flow operation (4 marks)

(4) Closing of side streets (4 marks)

<u>PART- C (1x 10=10Marks)</u>

(Q.No.16 is compulsory)

		Marks	CO	RBT
				LEVEL
16	Write in short the significance and scope of traffic engineering in today's	(10)	1	3
	context.			

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