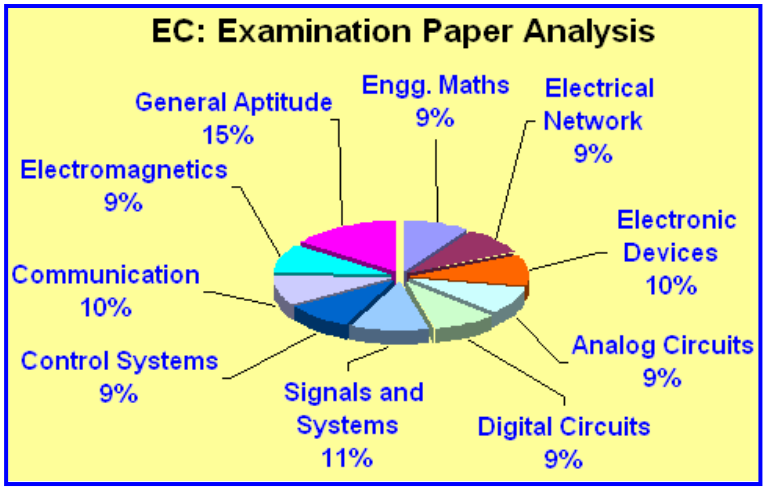
EC : Electronics and Communication Engineering

Examination Paper Analysis : GATE - 2011 (Set - B)									
Sr. No.	Topic	1 Mark Question	Marks	1 Mark Question	Common Data	Inter Linked	Marks	Total Marks	Percentage
1.	Engg. Mathematics								
	• Linear Algebra			46			2	2	2
	• Calculus	12	1					1	1
	• Differential Equation	14	1					1	1
	• Complex Variables	25	1					1	1
	• Probability & Statistics			47			2	2	2
	• Numerical Method			36			2	2	2
	• Transform Theory								
2.	Electrical Network	11, 23, 24	3	35, 44, 45			6	9	9
3.	Electronic Devices	9, 22	2	31, 33	48–49		8	10	10
4.	Analog Circuits	8, 10, 21	3	43		52–53	6	9	9
5.	Digital Circuits	7, 19, 20	3	29, 30, 41			6	9	9
6.	Signals and Systems	5, 6, 18	3	32, 34, 40, 42			8	11	11
7.	Control Systems	4, 16, 17	3	39	50–51		6	9	9
8.	Communication	3, 15	2	28, 38		54–55	8	10	10
9.	Electromagnetics	1, 2, 13	3	26, 27, 37			6	9	9
10.	General Aptitude (GA) Questions	56, 57, 58, 59, 60	5	61, 62, 63, 64, 65			10	15	15



GATE - 2011 : Electronics and Communication Engineering : Answer Key (Set - B)																			
1	C	**2**	C	**3**	D	**4**	B	**5**	B	**6**	A	**7**	B	**8**	A	**9**	C	**10**	B
11	C	**12**	D	**13**	A	**14**	C	**15**	B	**16**	A	**17**	A	**18**	C	**19**	A	**20**	D
21	D	**22**	D	**23**	A	**24**	C	**25**	A	**26**	A	**27**	A	**28**	A	**29**	A	**30**	D
31	C	**32**	D	**33**	D	**34**	B	**35**	B	**36**	C	**37**	D	**38**	B	**39**	B	**40**	B
41	C	**42**	B	**43**	C	**44**	D	**45**	A	**46**	B	**47**	C	**48**	B	**49**	C	**50**	C
51	D	**52**	A	**53**	B	**54**	D	**55**	D	**56**	A	**57**	C	**58**	B	**59**	D	**60**	A
61	B	**62**	C	**63**	D	**64**	C	**65**	B										