



Bangladesh University of  
Engineering and Technology

**Course No: CSE-406**

**Report on Time taken for generating different  
size prime number with secret key**

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k	Computation time (in seconds) for				
	p	g	a or b	A or B	shared key
128	0.15604	0.00010212	0.00249406	5.11E-05	4.60E-05
192	1.51025	0.00019788	0.0026994	7.88E-05	7.85E-05
256	4.60866	0.00035404	0.0045338	0.0001553	0.00020418

Table 1: Time related performance for generating different size secret key.