ADVANCED DISCRETE MATHEMATICS
Assignment-1

Marks-5

SI No.	Chapters	Exercises	Assignment problems
1	**Chapter-2** Permutation and Combination	2.7	6, 21,30,34,38
2	**Chapter-3** The Pigeonhole Principle	3.4	5,9,11
3	**Chapter-4** Generating Permutations and Combinations	4.6	2,4,5,6,7,8
4	**Chapter-5** The Binomial Theorem	5.7	7, 12, 16,25,41,43
5	**Chapter-6** The Inclusion – Exclusion Principle	6.7	1, 5,7,8,9.17
6	**Chapter-7** Recurrence Relations and Generating Sequences	7.7	13,15,16,32,33,35,36
Note: Few examples will be discussed by teacher in class and remaining all examples are strictly to be covered from each mentioned topics by the students.			