

## AISSMS INSTITUTE OF INFORMATION TECHNOLOGY



ADDING VALUE TO ENGINEERING

An Autonomous Institute Affiliated to Savitribai Phule Pune University Approved by AICTE, New Delhi and Recognised by Govt. of Maharashtra Accredited by NAAC with "A+" Grade | NBA - 5UG Programmes

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## **Department of Computer Engineering**

Academic Year : 2025-26					
SUBJECT: Discrete Mathematics					
CLASS: SY	SEMESTER: III				
ASSIGNMENT NO.: 3	DATE OF SUBMISSION:				

Q.	Question	Marks	Learning	CO	PO	<b>PSO</b>
No.			Level			
1	How many 3-digit numbers can be formed using the digits 1, 3, 5, 6, 8, and 9, if repetition of digits is not allowed?  i) How many of these numbers are greater than 700?  ii) How many are even?  iii) How many are divisible by 3?  iv) How many are odd?  v) How many have the digit 5 in the tens place?	6	Understand	3	1,2,3,5	1,3
2	How many different seven-person committees can be formed if each committee must contain 4 women chosen from 22 women and 3 men chosen from 28 men?	4	Apply	3	1,2,3,5	1,3

Farhana Kazi Sayed

Dr. K. S. Wagh

Name & Sign of Subject In-charge

HoD