

**Bansilal Ramnath Agarwal Charitable Trust's**  
**VISHWAKARMA INSTITUTE OF TECHNOLOGY, PUNE –37**  
**(An Autonomous Institute Affiliated to SPPU)**  
**Discrete Mathematics (ES1030) HA1**

This Assignment will be a group activity. (Groups are as per your EDAI project groups).

The following components will be considered for assessment.

1. Collection of required data of your division.
2. Sorting of data as per requirement
3. Analysis of data as per requirement
4. Representation of data in following Venn diagram

Roll No.	Sign	Categories			Roll No.	Sign	Categories		
		Type 1	Type 2	Type 3			Type 1	Type 2	Type 3
1					36				
2					37				
3					38				
4					39				
5					40				
6					41				
7					42				
8					43				
9					44				
10					45				
11					46				
12					47				
13					48				
14					49				
15					50				
16					51				
17					52				
18					53				
19					54				
20					55				
21					56				
22					57				
23					58				
24					59				
25					60				
26					61				
27					62				
28					63				
29					64				
30					65				
31					66				
32					67				
33					68				
34					69				
35					70				

- Identify each shaded region as per set notation.
- Find the Cardinality of each set (shaded region)

