

# ASN 6

1)  $-2^{63}$  to  $2^{63}-1$

2) Values			Control Code				Action
	Write Data	Mem Addr	Mar	Mst	Dmux	Mdr	f(src) → dst
Read:	A	B	1	0	0	0	A → Mar
			0	0	0	1	mem(Mar) → Mdr
Write:	3) A	B	1	0	1	1	A → Mar, B → Mdr
			0	1	0	0	Mdr → mem(Mar)

- 4)
- a) 4 bits
  - b) 4 bits
  - c) 8 bits
  - d) 8 bits