* Miller and Or Model

$$RP = \sqrt[3]{\frac{3 \times b \times \sigma^2}{4T}} + LL$$
 $UL = 3RP - 2LL$ Fixed

Ut = Upper Limit
$$\sigma^2$$
: Daily Variance in clush But

$$\frac{6}{5} \cdot LL^{2} 1,00,000$$

$$\frac{5}{5} = 6,000$$

$$\frac{5}{5} = 6,000$$

$$\frac{7}{5} = 0,10$$

$$\frac{7}{5} = 0,10$$

$$\frac{3 \times 5000 \times 6000^{2}}{4 \times 0.1} + 1,00,000$$

$$UL = 3RP - 2LL$$

$$= (3 \times 1,11,052.09) - (2\times1,00,000)$$

$$= 3,33,156.28 - 2,00,000$$

$$= 1,33,156.28$$

CASH AND LIQUIDITY MANAGIEMENT * Cash Budget (Receipts and Payments Method.) Amounts Op. Cash Bert. Mer. Jan. Cash Receipts Sales Commission Reul, Sale of Asset Interest Red Total Receipts. Corsh Payments Pwrchases Kent Paid Salaries Paid Wages Paid
Bills Paid Int - paid Total Payaners. Receipts - Payments Mishimum Bal-Regd. (W) Closing Bal.

Queil

W.N. 1 Sales	Feb.	March.	Apr. May	June July	Ang.
Cash Sales (201)	90,000	1,00,000	60,000 84,000	70,000	
Cash Disc. (21)	(1,800)	2,000	(1,200) (1,680)	(1,400)	
Net cash sales	88,200	98,000	58,800 82,320	68,600	
Chedit sales 80%. Ched. after 2 monts			3,60,000 4,00,000	2,40,000 3,36,	000 2,80,000
Cosh Receipts (sales)	48,200	98,000	418,860 4,82,320	3,08,600 3,36	906 2,80,000
Add Cash Budget for Particul Add Cash Receipts. Receipts from Scale of Less Payments Purchases 804 Next 204 After 2 Hages TST Same Other sups. C Next Month The complete Cash Min-Bal Red Swiplus Defrice	Month Month	1000 3,800 80,000 Mar 64,000 LFeb, 2,000 Mar 30,000 73,800	13,800 4,82,320 3,56,120 2,00,000 70,000	ending on	30/6/21

$$C = \sqrt{\frac{2xbxT}{I}}$$

C = Amt. of MKt. Sec converted into lash Per order

T = Amount of cosh flow Required.

I = rute of Interest

b = Convension Cost of securities into cash

$$Q.3 T = 22,50,00,000$$

$$= I = 0.15$$

$$b = 9,000$$

$$C = \sqrt{\frac{2 \times b \times T}{T}}$$

$$= \sqrt{\frac{2 \times 9000 \times 22,50,000,000}{0.15}}$$

$$= 51,96,152.42$$