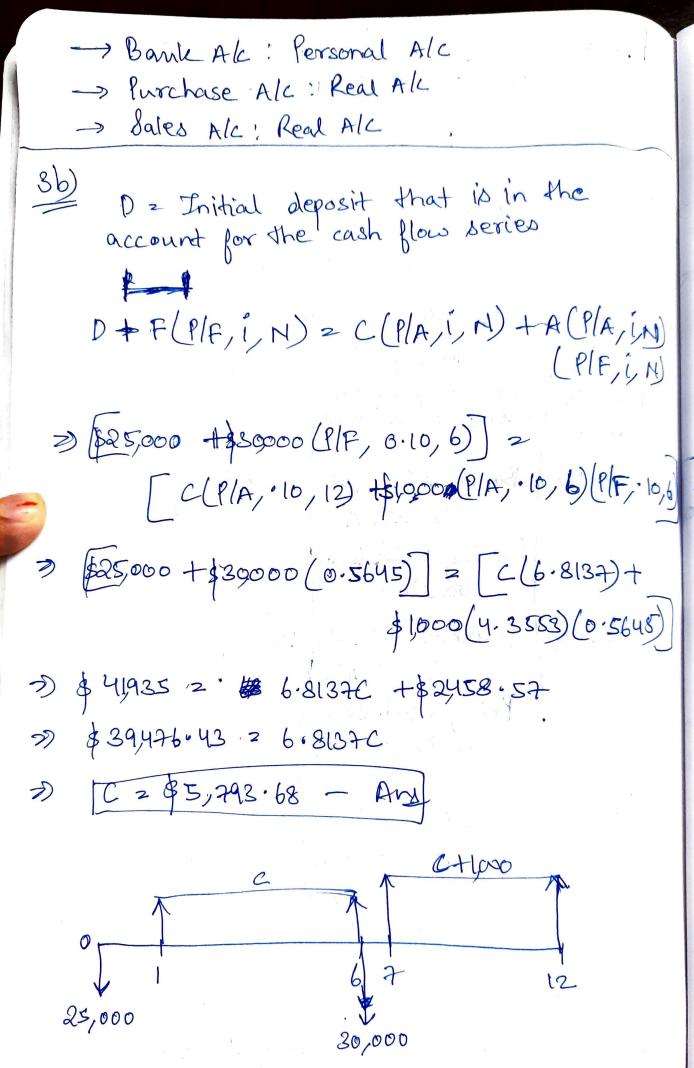
Arunima Singh Thakur, 180905218, Sec C, Branch CSE, Roll no. 31, Jann. 1a) Journal Particular Debit Date Credit Cash Alc - Dr 40,000 May 1, 2002 40,000 To Capital (Being commence) # 3 B 2000 Bank ALC-Dr may 3, To Cash ALC 2002 (Being paid into Purchase Alc - Dr 15,000 to Cash A/C 2002 15,000 (Being purchase of goods for cash) 6,000 Cash Alc — Dr 2002 6000 to Sales Alc (Being sale of goods for cash) Nature of the accounts are', -> Cash Alc: Keal Alc

-> Capital A/C: Personal A/C



A = 400,000\$ 1215/0 P=\$1,000,000 NPV= -1,000,000 + 400,000 (Pla, 15%, 6) = -1,000,000 + 400,000(3.784)2 \$513,600 NPV is \$513,600 - Ans 2a) Accounting Equation Assets 2 Liabilities + Capital 60,000 (cash) = 0 + 60,000 (i) 59,500 (cash) + 500 (rental) = 0 + 60,000 (ii) 29,500 (cash) + 500 (rental) = 20,000 + 60,000 + 50,000 (goods) (oredit) 59,500 (cash) + 500(rental) = 20,000 + 70,000 + 30,000 (goods) (credit) = 20000 + 39,400 59,000 (cash) + 500 (rental) + 30,000 (goods) (credit) + lo (outstanding salary) vi) syooo (cash) + soo (rental) 20,000 + 64,400 (credit) + 100 + 30,000 (goods) Contstanding

salary)

26) Trading	Acco 2 31	unt of	mls lid 2021	win d	
Particular Particular To apening Stock To net purchase To direct expenses	Av	50,00	Particular of By Closin stock of By net sales	ng	Amt Topog Upogeg
To gross profit (to be transferred to PAL) Total Profit & loss	state	11,70,00 11,70,00 ment 31,202	op m/s L	idwin d	11,70,00g
Dr				0	Cr
Particular To Administration expenses To selling and distribution	,	45,000 65,000	Particular By gross profit	Amt	4,60,000
To loss due to fire To net profit Lito be transferre to Capital ALC) Total	d	3,30,00	00		4,60,000

Gross profit = 4,60,000 Ans Net profit = 3,30,000 Aug (Continued after 3 pages) 0 = -50,000 + 5000 + 10,000 + 18,000 (1+1RR) (1+1RR)2 (1+1RR)3 + 25,000 + 30,000 (1+1RR)4 (1+1RR)5 e Let 1RR = 15% 3) $NPV = -59000 + \frac{5000}{1.15} + \frac{10,000}{1.15^2} + \frac{15000}{1.15^2}$ + 25,000 + 20,000 1.154 1.155 NPV = \$ 981.13 = Let IRR=18%. -> NPV= -3443.40 e Let IRR = 15.63% 1) NPV = -50,000 + 5000 + 10,000 + 15,000 1.1563 1.15632 1.15633 + 25,000 + 30,000 1.15639 1.15635 NPV = 4\$ 20 °= 1RR = 15.63% so project is acceptable - And 19 we know that LS-V)/S=F+P or Sax P/V Ratio z Contribution 80 P/V Ratio 2 Contribution/sales XLO

2 (40-24)/40 × 100 = 16/40 × 100 b) Break even sales SX PIV Ratio = Fixed Cost LAt break even sales, contribution is equal to fixed cost) Putting values: - S X 40/100 = 16,000 S = 16,000 × 100 = 40,000 or 1000 units (c) The sales to earn a profit of Ks. 2000 SXP/V Ratio = F+P Putting values: SX40 = 16,000 + 2,000 S = 18,000 X 100 S = Rs 45,000 0x 1125 units } Ans (d) Profit at sales of 60,000 SXP/VRatio = F+P Putting values: Rs 60,000 × 40/100 = 16,000 + 9 24,000 = 16,000 + P 24,000 = 16,000 = P (8000 = P - ANS Cash Flow Year 0 -200,000+50,000 +50,000 +200,000

a) NPV at
$$i = 0$$
, $\Rightarrow -200,000 + 50,000 + 50,000 + 100)^2$
 $= -200,000 + 50,000 + 50,000 + 2,00,000$
 $= 100,000 - ANS$

b) NPV at $i = 5$, $\Rightarrow -200,000 + 50,000 + 50,000$
 $= -200,000 + 47619.04 + 45351.44 + 172,767.51$
 $= -200,000 + 47619.04 + 45351.44 + 172,767.51$
 $= 65,738.02 - ANS$

c) NPV at $i \Rightarrow -200,000 + 50,000 + 50,000$
 $= -200,000 + 60,000 + 60,000 + 50,000$
 $= -200,000 + 60,000 + 60,000 + 60,000$

At $i = 10$, $i =$

Sa PV@12°/. Total Present Value Cash outflows Time 200000 0 200000 44650 0.893 20000 244650 Total Present PV@12% Time Cash inflows Value 26790 0.893 30,000 39880 0.797 2 50000 49840 0.712 2 70000 76320 0.626 4 120000 48360 0.567 5 80000 238160 PV@12% Total Present Time Terminal value Value 0.567 5 17010 20000 :- NPV = 238160 + 17010 - 244650 2 258120 - 244650 NPV = LOS20 - Ans 26) (CONTINUED) Operating Profit = Net Profit - Non-Operating Income + Non-operating Expenses = 3,30,000 + -0 + 20,000 = Rs 3,80,000 loss by fire is a non-operating expense, thus added to the net probit to arrive at operating profit

Trading account of ABC & Co as on 4a) 31st December, 2020. CY Dr Ant Ant Particular Ant Ant Particular 60,000 By sales to opening 480,000 4,30,000 stock 32,000 less sales 1900 1 to wages returns 4,78,100 90,000 to purchases less purchase 1,60,000 By Closing 2000 returns \$8,000 158,000 to carriage 3,400 inwards to gross profit 3,14,700 to be transferred to P&L) 5,68,100 5,68,100 Total Profit & loss Account of ABC & lo as on 31st December, 2020 Dr Ant Ant Particular Ant Am Particular 5,000 By trading 3,14,700 To carriage ALL gross outward profit 24,000 to salaries 2,000 12,000 By interest To sales received expense 5,000 to advertisement 4,400 6 insurance expense 4800 to bad debts

To net profit	3,16,700	3,16,700
		4.