23. Balance Sheet of New Light Ltd. for the year ended 31st March, 2018 is as follows:

BALANCE SHEET OF NEW LIGHT LTD.

as at 31st March, 2018

as at 31st March, 2018			
Particulars	Note No.	31st March, 2018 (₹)	31st March, 2017 (₹)
I. EQUITY AND LIABILITIES			
1. Shareholders' Funds			
(a) Share Capital		22,50,000	22,50,000
(b) Reserves and Surplus	1	18,90,000	17,80,000
2. Non-Current Liabilities			
Long-term Borrowings	2	13,50,000	
3. Current Liabilities			
(a) Trade Payables		6,70,000	8,40,000
(b) Short-term Provisions	3	3,20,000	6,00,000
Total		64,80,000	54,70,000
II. ASSETS			
1. Non-Current Assets			
(a) Fixed Assets (Tangible)	4	16,00,000	20,00,000
(b) Non-current Investments		3,00,000	2,50,000
2. Current Assets		3,00,000	2,30,000
(a) Current Investments		85,000	95,000
(b) Inventories		10,50,000	12,00,000
(c) Trade Receivables		22,75,000	10,50,000
(d) Cash and Cash Equivalents		11,70,000	8,75,000
·			1 1
Total		64,80,000	54,70,000
Notes to Accounts			
Particulars		31st March,	31st March,
		2018 (₹)	2017 (₹)
1. Reserves and Surplus			
General Reserve		15,50,000	15,00,000
Surplus, i.e., Balance in Statement of Profit and Loss		3,40,000	2,80,000
		18,90,000	17,80,000
2. Long-term Borrowings			
1,350; 10% Debentures of ₹ 1,000 each		13,50,000	
3. Short-term Provisions			
Provision for Tax		50,000	3,75,000
Proposed Dividend		2,70,000	2,25,000
		3,20,000	6,00,000
4. Fixed Assets (Tangible)			
Land and Building		8,00,000	10,00,000
Plant and Machinery		8,00,000	10,00,000
		16,00,000	20,00,000
			==,==,==

$Additional\ Information:$

- (i) Provision for tax made during the year was ₹ 45,000.
- (ii) Land and Building of Book Value ₹ 4,00,000 was sold at a profit of 10%.
- (iii) The Rate of Depreciation on Plant and Machinery is 10%. Part of Machinery was sold at book value.
- (iv) 10% Debentures have been issued on 31st March, 2018.

Prepare Cash Flow Statement.

(6)

Solution:

23.

CASH FLOW STATEMENT

for the year ended 31st March, 2018

Particulars	₹	₹	₹
I. Cash Flow from Operating Activities			
Net Profit for the Year:			
Closing Balance of Surplus, i.e., Balance in Statement of Profit and Loss		3,40,000	
Less: Opening Balance of Surplus, i.e., Balance in Statement of Profit and Loss		2,80,000	
Profit during the Year		60,000	
Add: Provision for Tax		45,000	
Transfer to General Reserve		50,000	
Proposed Dividend		2,70,000	
Net Profit before Tax and Extraordinary Items		4,25,000	
Add: Non-Cash/Non-operating Expenses			
Depreciation on Plant and Machinery		1,00,000	
		5,25,000	
Less: Non-operating Income (Gain on Sale of Building)		40,000	
Operating Profit before Working Capital Changes		4,85,000	
Add: Decrease in Current Assets:			
Inventories		1,50,000	
		6,35,000	
Less: Increase in Current Assets and Decrease in Current Liabilities:			
Trade Receivables	12,25,000		
Trade Payables	1,70,000	(13,95,000)	
		(7,60,000)	
Less: Income Tax Paid (WN 1)		(3,70,000)	
Cash Used in Operating Activities			(11,30,000)
II. Cash Flow from Investing Activities			
Purchase of Investments		(50,000)	
Proceeds from Sale of Building		4,40,000	
Proceeds from Sale of Machinery		1,00,000	
Purchase of Building		(2,00,000)	
Cash Flow from Financing Activities			2,90,000
III. Cash Flow from Financing Activities			
Proceeds from Issue of 10% Debentures		13,50,000	
Dividend Paid		(2,25,000)	
Cash Flow from Financing Activities			11,25,000
IV. Net Increase in Cash and Cash Equivalents (I + II + III)			2,85,000
Add: Opening Cash and Cash Equivalents* (₹ 8,75,000 + ₹ 95,000)			9,70,000
V. Closing Cash and Cash Equivalents (₹ 11,70,000 + ₹ 85,000)			12,55,000

^{*}Cash and Cash Equivalents = Cash and Cash Equivalents + Current Investments.

Working Notes:

PROVISION FOR	R TAX ACCOUNT	Cr.
₹	Particulars	₹
3,70,000 50,000	By Balance <i>b/d</i> By Statement of Profits and Loss (Provision Made)	3,75,000 45,000
4,20,000		4,20,000
LAND AND BUIL	DING ACCOUNT	Cr.
₹	Particulars	₹
10,00,000 40,000	By Bank A/c (Sale) (₹ 4,00,000 + ₹ 40,000) By Balance <i>c/d</i>	4,40,000 8,00,000
2,00,000 12,40,000		12,40,000
LANT AND MAC	HINERY ACCOUNT	Cr.
₹	Particulars	₹
10,00,000	By Depreciation A/c By Bank A/c (Sale) By Balance <i>c/d</i>	1,00,000 1,00,000 8,00,000 10,00,000
	₹ 3,70,000 50,000 4,20,000 LAND AND BUIL ₹ 10,00,000 40,000 12,40,000 LANT AND MACI ₹ 10,00,000	3,70,000 50,000 By Balance b/d By Statement of Profits and Loss (Provision Made) LAND AND BUILDING ACCOUNT ₹ Particulars 10,00,000 40,000 By Balance c/d 2,00,000 12,40,000 LANT AND MACHINERY ACCOUNT ₹ Particulars 10,00,000 By Balance c/d 2,00,000 12,40,000 By Balance c/d

23. From the following Balance Sheet of Powerful Ltd. as at 31st March, 2018 and additional information, prepare a Cash Flow Statement:

Particulars	Note No.	31st March,	31st March,
		2018 (₹)	2017 (₹)
I. EQUITY AND LIABILITIES			
1. Shareholders' Funds			
(a) Share Capital		2,25,000	1,75,000
(b) Reserves and Surplus	1	62,500	25,000
2. Non-Current Liabilities			
Long-term Borrowings	2	1,12,500	87,500
3. Current Liabilities			
(a) Short-term Borrowings	3	37,500	18,750
(b) Short-term Provisions	4	1,30,000	91,250
Total		5,67,500	3,97,500
II. ASSETS			
1. Non-Current Assets			
(a) Fixed Assets:			
(i) Tangible Assets	5	3,66,250	2,28,750
(ii) Intangible Assets	6	25,000	37,500
(b) Non-current Investments		37,500	25,000
2. Current Assets			
(a) Current Investments		10,000	17,500
(b) Inventories	7	30,500	18,000
(c) Cash and Cash Equivalents		98,250	70,750
Total		5,67,500	3,97,500

Notes to Accounts

Par	Particulars		31st March,	
		2018 (₹)	2017 (₹)	
1.	Reserves and Surplus			
	Surplus, i.e., Balance in Statement of Profit and Loss	62,500	25,000	
2.	Long-term Borrowings			
	12% Debentures	1,12,500	87,500	
3.	Short-term Borrowings			
	Bank Overdraft	37,500	18,750	
4.	Short-term Provisions			
	Provision for Tax	50,000	31,250	
	Proposed Dividend	80,000	60,000	
		1,30,000	91,250	
5.	Tangible Assets			
	Machinery	4,18,750	2,63,750	
	Less: Accumulated Depreciation	(52,500)	(35,000)	
		3,66,250	2,28,750	
6.	Intangible Assets			
	Goodwill	25,000	37,500	
7.	Inventories			
	Stock-in-Trade	30,500	18,000	

$Additional\ Information:$

- (i) ₹ 25,000, 12% Debentures were issued on 31st March, 2018.
- (ii) During the year a piece of machinery costing $\ref{20,000}$, on which accumulated depreciation was $\ref{10,000}$, was sold at a loss of $\ref{2,500}$.
- (iii) Provision for Tax made during the year ₹ 40,000. (6)

Solution:

23.	CASH FLOW STATEMENT
	for the year ended 31st March, 2018

Particulars			₹	₹
A. Cash Flow from Operating Activities				
Net Profit before Tax and Extraordinary Items	(WN 1)		1,57,500	
Add: Non Cash and Non-operating Items:				
Goodwill amortised			12,500	
Depreciation on Machinery (WN 4)			27,500	
Interest on Debentures (₹87,500×12/	/100)		10,500	
Loss on Sale of Machinery			2,500	
Operating Profit before Working Capital Chan	iges		2,10,500	
Less: Increase in Current Assets:				
Inventories			12,500	
Cash Generated from Operations			1,98,000	
Less: Tax paid (WN 2)			21,250	
Cash Flow from Operating Activities				1,76,750
B. Cash Flow from Investing Activities				
Purchase of Machinery (WN 3)			(1,75,000)	
Proceeds from Sale of Machinery			7,500	
Purcahse of Non-current Investments			(12,500)	
Cash Used in Investing Activities				(1,80,000)
C. Cash Flow from Financing Activities				
Proceeds from Issue of Shares			50,000	
Proceeds from Issue of 12% Debentures			25,000	
Interest on Debentures Paid			(10,500)	
Dividend Paid			(60,000)	
Bank Overdraft Raised			18,750	
Cash Flow from Financing Activities				23,250
D. Net Increase/Decrease in Cash and Cash Eq	juivalents (A	+ B + C)		20,000
Add: Opening Balance of Cash and Cash Equivo	alents:			
Current Investments			17,500	
Cash and Cash Equivalents			70,750	88,250
E. Closing Balance of Cash and Cash Equivale	nts:			
Current Investments			10,000	
Cash and Cash Equivalents			98,250	1,08,250
Working Notes:				_
1. Calculation of Net Profit before Tax and Ex				₹
Net Profit as per Statement of Profit and	Loss (₹ 62,5	500 – ₹ 25,000)		37,500
Add: Provision for Tax				40,000
Proposed Dividend				80,000
Net Profit before Tax and Extraordinary I	tems			1,57,500
2. Dr. PR	OVISION FOR	R TAX ACCOUNT		Cr.
Particulars	₹	Particulars		₹
To Donk A/a/Tox Daid Dalancian Figure \	21.250	Dr. Dalaman E/J		21.250
To Bank A/c (Tax Paid—Balancing Figure)	21,250	By Balance b/d		31,250
To Balance c/d	50,000	By Statement of Profit and L	.OSS	40,000
	71 250	(Provision Made)		71.250
	71,250			71,250

3. Dr.	MACHINER'	Y ACCOUNT	Cr.
Particulars	₹	Particulars	₹
To Balance <i>b/d</i> To Bank A/c (Purchase) (Balancing Figure)	2,63,750 1,75,000	By Bank A/c (Sale) By Loss on Sale of Machinery A/c	7,500 2,500
		By Accumulated Depreciation A/c	10,000
		By Balance c/d	4,18,750
	4,38,750		4,38,750
4. Dr. ACCUN	IULATED DEPI	RECIATION ACCOUNT	Cr.
Particulars	₹	Particulars	₹
To Machinery A/c (Transfer)	10,000	By Balance <i>b/d</i>	35,000
To Balance c/d	52,500	By Statement of Profit and Loss (Bal. Fig.) (Depreciation Provided)	27,500
	62,500		62,500

23. From the following Balance Sheet of Hemco Ltd., prepare Cash Flow Statement:

Particulars	Note No.	31st March, 2018 (₹)	31st March, 2017 (₹)
I. EQUITY AND LIABILITIES			
1. Shareholders' Funds			
(a) Share Capital		10,00,000	10,00,000
(b) Reserves and Surplus	1	7,00,000	5,50,000
2. Non-Current Liabilities			
Long-term Borrowings	2	1,00,000	2,00,000
3. Current Liabilities			
(a) Trade Payables		1,00,000	1,10,000
(b) Short-term Provisions	3	2,95,000	2,30,000
Total		21,95,000	20,90,000
II. ASSETS			
1. Non-Current Assets			
(a) Fixed Assets:			
(i) Tangible Assets	4	10,10,000	12,00,000
(ii) Intangible Assets: Goodwill		1,80,000	2,00,000
(b) Non-current Investments		1,00,000	
2. Current Assets			
(a) Inventories		1,80,000	1,00,000
(b) Trade Receivables		2,00,000	1,50,000
(c) Cash and Cash Equivalents	5	5,25,000	4,40,000
Total		21,95,000	20,90,000
Total Notes to Accounts		21,95,000	20,90,000
		31st March,	31st March,
Notes to Accounts			
Notes to Accounts Particulars 1. Reserves and Surplus		31st March,	31st March,
Notes to Accounts Particulars		31st March,	31st March,
Notes to Accounts Particulars 1. Reserves and Surplus		31st March,	31st March,
Notes to Accounts Particulars 1. Reserves and Surplus Surplus, i.e., Balance in Statement of Profit and Loss		31st March, 2018 (₹)	31st March, 2017 (₹)
Notes to Accounts Particulars 1. Reserves and Surplus Surplus, i.e., Balance in Statement of Profit and Loss Opening Balance		31st March, 2018 (₹)	31st March, 2017 (₹) 5,00,000
Notes to Accounts Particulars 1. Reserves and Surplus Surplus, i.e., Balance in Statement of Profit and Loss Opening Balance		31st March, 2018 (₹) 6,00,000 3,00,000	31st March, 2017 (₹) 5,00,000 2,00,000
Notes to Accounts Particulars 1. Reserves and Surplus Surplus, i.e., Balance in Statement of Profit and Loss Opening Balance Add: Profit for the year		31st March, 2018 (₹) 6,00,000 3,00,000 9,00,000	31st March, 2017 (₹) 5,00,000 2,00,000 7,00,000
Notes to Accounts Particulars 1. Reserves and Surplus Surplus, i.e., Balance in Statement of Profit and Loss Opening Balance Add: Profit for the year Less: Dividend		31st March, 2018 (₹) 6,00,000 3,00,000 9,00,000 2,00,000	31st March, 2017 (₹) 5,00,000 2,00,000 7,00,000 1,50,000
Notes to Accounts Particulars 1. Reserves and Surplus Surplus, i.e., Balance in Statement of Profit and Loss Opening Balance Add: Profit for the year Less: Dividend 2. Long-term Borrowings		31st March, 2018 (₹) 6,00,000 3,00,000 9,00,000 2,00,000 7,00,000	31st March, 2017 (₹) 5,00,000 2,00,000 7,00,000 1,50,000 5,50,000
Notes to Accounts Particulars 1. Reserves and Surplus Surplus, i.e., Balance in Statement of Profit and Loss Opening Balance Add: Profit for the year Less: Dividend 2. Long-term Borrowings 2,000, 10% Debentures of ₹ 100 each		31st March, 2018 (₹) 6,00,000 3,00,000 9,00,000 2,00,000 7,00,000	31st March, 2017 (₹) 5,00,000 2,00,000 7,00,000 1,50,000
Notes to Accounts Particulars 1. Reserves and Surplus Surplus, i.e., Balance in Statement of Profit and Loss Opening Balance Add: Profit for the year Less: Dividend 2. Long-term Borrowings		31st March, 2018 (₹) 6,00,000 3,00,000 9,00,000 2,00,000 7,00,000	31st March, 2017 (₹) 5,00,000 2,00,000 7,00,000 1,50,000 5,50,000 2,00,000
Notes to Accounts Particulars 1. Reserves and Surplus Surplus, i.e., Balance in Statement of Profit and Loss Opening Balance Add: Profit for the year Less: Dividend 2. Long-term Borrowings 2,000, 10% Debentures of ₹ 100 each Bank Loan		31st March, 2018 (₹) 6,00,000 3,00,000 9,00,000 2,00,000 7,00,000	31st March, 2017 (₹) 5,00,000 2,00,000 7,00,000 1,50,000 5,50,000
Notes to Accounts Particulars 1. Reserves and Surplus Surplus, i.e., Balance in Statement of Profit and Loss Opening Balance Add: Profit for the year Less: Dividend 2. Long-term Borrowings 2,000, 10% Debentures of ₹ 100 each Bank Loan 3. Short-term Provisions		31st March, 2018 (₹) 6,00,000 3,00,000 9,00,000 2,00,000 7,00,000 1,00,000	31st March, 2017 (₹) 5,00,000 2,00,000 7,00,000 1,50,000 5,50,000 2,00,000 2,00,000
Notes to Accounts Particulars 1. Reserves and Surplus Surplus, i.e., Balance in Statement of Profit and Loss Opening Balance Add: Profit for the year Less: Dividend 2. Long-term Borrowings 2,000, 10% Debentures of ₹ 100 each Bank Loan 3. Short-term Provisions Provisions for Tax		31st March, 2018 (₹) 6,00,000 3,00,000 9,00,000 7,00,000 1,00,000 95,000	31st March, 2017 (₹) 5,00,000 2,00,000 7,00,000 1,50,000 5,50,000 2,00,000 2,00,000
Notes to Accounts Particulars 1. Reserves and Surplus Surplus, i.e., Balance in Statement of Profit and Loss Opening Balance Add: Profit for the year Less: Dividend 2. Long-term Borrowings 2,000, 10% Debentures of ₹ 100 each Bank Loan 3. Short-term Provisions		31st March, 2018 (₹) 6,00,000 3,00,000 9,00,000 7,00,000 1,00,000 1,00,000 95,000 2,00,000	31st March, 2017 (₹) 5,00,000 2,00,000 7,00,000 1,50,000 2,00,000 2,00,000 80,000 1,50,000
Notes to Accounts Particulars 1. Reserves and Surplus Surplus, i.e., Balance in Statement of Profit and Loss Opening Balance Add: Profit for the year Less: Dividend 2. Long-term Borrowings 2,000, 10% Debentures of ₹ 100 each Bank Loan 3. Short-term Provisions Provisions for Tax Proposed Dividend		31st March, 2018 (₹) 6,00,000 3,00,000 9,00,000 7,00,000 1,00,000 95,000	31st March, 2017 (₹) 5,00,000 2,00,000 7,00,000 1,50,000 5,50,000 2,00,000 2,00,000
Notes to Accounts Particulars 1. Reserves and Surplus Surplus, i.e., Balance in Statement of Profit and Loss Opening Balance Add: Profit for the year Less: Dividend 2. Long-term Borrowings 2,000, 10% Debentures of ₹ 100 each Bank Loan 3. Short-term Provisions Provisions for Tax Proposed Dividend 4. Tangible Assets		31st March, 2018 (₹) 6,00,000 3,00,000 9,00,000 2,00,000 1,00,000 1,00,000 2,00,000 2,00,000 2,95,000	31st March, 2017 (₹) 5,00,000 2,00,000 7,00,000 1,50,000 2,00,000 2,00,000 80,000 1,50,000 2,30,000
Notes to Accounts Particulars 1. Reserves and Surplus Surplus, i.e., Balance in Statement of Profit and Loss Opening Balance Add: Profit for the year Less: Dividend 2. Long-term Borrowings 2,000, 10% Debentures of ₹ 100 each Bank Loan 3. Short-term Provisions Provisions for Tax Proposed Dividend 4. Tangible Assets Land and Building		31st March, 2018 (₹) 6,00,000 3,00,000 9,00,000 7,00,000 1,00,000 1,00,000 2,00,000 2,00,000 2,95,000 6,50,000	31st March, 2017 (₹) 5,00,000 2,00,000 7,00,000 1,50,000 2,00,000 2,00,000 80,000 1,50,000 2,30,000 8,00,000
Notes to Accounts Particulars 1. Reserves and Surplus Surplus, i.e., Balance in Statement of Profit and Loss Opening Balance Add: Profit for the year Less: Dividend 2. Long-term Borrowings 2,000, 10% Debentures of ₹ 100 each Bank Loan 3. Short-term Provisions Provisions for Tax Proposed Dividend 4. Tangible Assets		31st March, 2018 (₹) 6,00,000 3,00,000 9,00,000 2,00,000 1,00,000 1,00,000 2,00,000 2,00,000 2,95,000	31st March, 2017 (₹) 5,00,000 2,00,000 7,00,000 1,50,000 2,00,000 2,00,000 80,000 1,50,000 2,30,000

(6)

5. Cash and Cash Equivalents		
Cash in Hand	70,000	50,000
Bank Balance	4,55,000	3,90,000
	5,25,000	4,40,000

Additional Information:

- (i) Income Tax paid during the year includes ₹ 15,000 paid towards Dividend Distribution Tax.
- (ii) Land and Building of Book Value ₹ 1,50,000 was sold at a Profit of 10%.
- (iii) Rate of Depreciation on Plant and Machinery is 10%.

Solution:

23. Hemco Ltd.

CASH FLOW STATEMENT for the year ended 31st March, 2018

Par	ciculars		₹	₹
I.	Cash Flow from Operating Activities Net Profit for the year:			
	Closing Balance of Surplus, i.e., Balance in Statement of Profit and Loss		7,50,000	
	Less: Opening Balance of Surplus, i.e., Balance in Statement of Profit and	Loss	6,00,000	
			1,50,000	
	Add: Provision for Tax		95,000	
	Proposed Divided		2,00,000	
	Net Profit before Tax and Extraordinary Activities		4,45,000	
	Add: Non-Cash/Non-Operating Expenses:			
	Depreciation	40,000		
	Goodwill Amortised	20,000	60,000	
			5,05,000	
	Less: Non-Operating Income: Gain (Profit) on Sale of Land and Building		15,000	
	Operating Profit before Working Capital Changes		4,90,000	
	Less: Decrease in Current Liabilities and Increase in Current Assets:			
	Trade Payables	10,000		
	Trade Receivables	50,000		
	Inventories	80,000	1,40,000	
	Cash Generated from Operating Activities		3,50,000	
	Less: Income Tax Paid (₹ 80,000 – ₹ 15,000 Dividend Distribution Tax)		65,000	
	Cash Flow from Operating Activities			2,85,000
II.	Cash Flow from Investing Activities			
	Proceeds from Sale of Land and Building		1,65,000	
	Purchase of Non-current Investments		(1,00,000)	
	Cash Flow from Investing Activities			65,000
III.	Cash Flow from Financing Activities			
	Payments for Redemption of 10% Debentures		(2,00,000)	
	Proceeds from Bank Loan		1,00,000	
	Payment of Dividend		(1,50,000)	
	Payment of Dividend Distribution Tax		(15,000)	
	Cash Used in Financing Activities			(2,65,000)
IV.	Net Increase in Cash and Cash Equivalents (I + II + III)			85,000
	Add: Opening Cash and Cash Equivalents			4,40,000
V.	Closing Cash and Cash Equivalents			5,25,000

Working Notes:

1. It is assumed that 10% Debentures have been redeemed in the beginning of the year. Therefore, interest is not provided.

2. Dr. LAND AND BUILDING ACCOUNT				
Particulars	₹	Particulars	₹	
To Balance <i>b/d</i> To Gain (Profit) on Sale of Land and Building A/c (Statement of Profit and Loss)	8,00,000 15,000	By Bank A/c (Sale) (₹ 1,50,000 + ₹ 15,000) By Balance <i>c/d</i>	1,65,000 6,50,000	
	8,15,000		8,15,000	

23. From the following Balance Sheet of Sunrise Ltd. as at 31st March, 2018, prepare Cash Flow Statement:

	rticulars	Note No.	31st March 2018 (₹)	31st March 2017 (₹)
I.	EQUITY AND LIABILITIES			
	1. Shareholders' Funds			
	(a) Share Capital	1	30,00,000	30,00,000
	(b) Reserves and Surplus	2	7,80,000	3,80,000
	2. Non-Current Liabilities			
	Long-term Borrowings	3	10,00,000	10,00,000
	3. Current Liabilities			
	(a) Trade Payables		15,50,000	6,00,000
	(b) Other Current Liabilities	4	1,00,000	70,000
	(c) Short-term Provisions	5	1,70,000	1,50,000
	Total		66,00,000	52,00,000
II.	ASSETS			
	1. Non-Current Assets			
	(a) Fixed Assets:			
	(i) Tangible Assets (Machinery)		30,00,000	20,00,000
	(ii) Intangible Assets (Patents)		3,00,000	3,40,000
	(b) Non-current Investments		2,00,000	1,50,000
	2. Current Assets		4.00.000	6 00 000
	(a) Inventories (b) Trade Receivables		4,00,000	6,00,000 9,00,000
	(c) Cash and Cash Equivalents		7,00,000 20,00,000	12,10,000
	Total		66,00,000	52,00,000
			00,00,000	32,00,000
No	otes to Accounts		00,00,000	32,00,000
_	ptes to Accounts rticulars		31st March,	
_				
Par	rticulars Share Capital		31st March,	31st March
Par	rticulars		31st March,	31st March 2017 (₹)
Par	rticulars Share Capital		31st March, 2018 (₹)	31st March 2017 (₹) 20,00,000
Par	Share Capital Equity Share Capital		31st March, 2018 (₹) 20,00,000	31st March 2017 (₹) 20,00,000 10,00,000
Par 1.	Share Capital Equity Share Capital		31st March, 2018 (₹) 20,00,000 10,00,000	31st March 2017 (₹) 20,00,000 10,00,000
Par 1.	Share Capital Equity Share Capital 12% Preference Share Capital		31st March, 2018 (₹) 20,00,000 10,00,000	31st March 2017 (₹) 20,00,000 10,00,000 30,00,000
Par 1.	Share Capital Equity Share Capital 12% Preference Share Capital Reserves and Surplus	2,00,000	31st March, 2018 (₹) 20,00,000 10,00,000 30,00,000	31st March 2017 (₹) 20,00,000 10,00,000 30,00,000
Par 1.	Share Capital Equity Share Capital 12% Preference Share Capital Reserves and Surplus Surplus, i.e., Balance in Statement of Profit and Loss	2,00,000	31st March, 2018 (₹) 20,00,000 10,00,000 30,00,000 11,00,000	31st March 2017 (₹) 20,00,000 10,00,000 30,00,000 5,00,000
Par 1.	Share Capital Equity Share Capital 12% Preference Share Capital Reserves and Surplus Surplus, i.e., Balance in Statement of Profit and Loss Less: Interim Dividend	2,00,000 1,20,000	31st March, 2018 (₹) 20,00,000 10,00,000 30,00,000 11,00,000 3,20,000	31st March 2017 (₹) 20,00,000 10,00,000 30,00,000 5,00,000 1,20,000
1. 2.	Share Capital Equity Share Capital 12% Preference Share Capital Reserves and Surplus Surplus, i.e., Balance in Statement of Profit and Loss Less: Interim Dividend Preference Dividend		31st March, 2018 (₹) 20,00,000 10,00,000 30,00,000 11,00,000	31st March 2017 (₹) 20,00,000 10,00,000 30,00,000 5,00,000 1,20,000
1. 2.	Share Capital Equity Share Capital 12% Preference Share Capital Reserves and Surplus Surplus, i.e., Balance in Statement of Profit and Loss Less: Interim Dividend Preference Dividend Long-term Borrowings		31st March, 2018 (₹) 20,00,000 10,00,000 30,00,000 11,00,000 3,20,000 7,80,000	31st March 2017 (₹) 20,00,000 10,00,000 30,00,000 1,20,000 3,80,000
1. 2. 3.	Share Capital Equity Share Capital 12% Preference Share Capital Reserves and Surplus Surplus, i.e., Balance in Statement of Profit and Loss Less: Interim Dividend Preference Dividend Long-term Borrowings 10% Debentures		31st March, 2018 (₹) 20,00,000 10,00,000 30,00,000 11,00,000 3,20,000	31st March 2017 (₹) 20,00,000 10,00,000 30,00,000 1,20,000 3,80,000
1. 2. 3.	Share Capital Equity Share Capital 12% Preference Share Capital Reserves and Surplus Surplus, i.e., Balance in Statement of Profit and Loss Less: Interim Dividend Preference Dividend Long-term Borrowings 10% Debentures Other Current Liabilities		31st March, 2018 (₹) 20,00,000 10,00,000 30,00,000 11,00,000 3,20,000 7,80,000	31st March 2017 (₹) 20,00,000 10,00,000 30,00,000 1,20,000 3,80,000
1. 2. 3.	Share Capital Equity Share Capital 12% Preference Share Capital Reserves and Surplus Surplus, i.e., Balance in Statement of Profit and Loss Less: Interim Dividend Preference Dividend Long-term Borrowings 10% Debentures Other Current Liabilities Unclaimed Dividend (Equity)		31st March, 2018 (₹) 20,00,000 10,00,000 30,00,000 11,00,000 7,80,000 10,00,000	31st March 2017 (₹) 20,00,000 10,00,000 5,00,000 1,20,000 1,20,000 10,000,000
1. 2. 3.	Share Capital Equity Share Capital 12% Preference Share Capital Reserves and Surplus Surplus, i.e., Balance in Statement of Profit and Loss Less: Interim Dividend Preference Dividend Long-term Borrowings 10% Debentures Other Current Liabilities		31st March, 2018 (₹) 20,00,000 10,00,000 30,00,000 11,00,000 7,80,000 10,00,000 60,000 40,000	31st March 2017 (₹) 20,00,000 10,00,000 5,00,000 1,20,000 1,20,000 10,00,000 70,000
1. 2. 4.	Share Capital Equity Share Capital 12% Preference Share Capital Reserves and Surplus Surplus, i.e., Balance in Statement of Profit and Loss Less: Interim Dividend Preference Dividend Long-term Borrowings 10% Debentures Other Current Liabilities Unclaimed Dividend (Equity) Outstanding Expenses		31st March, 2018 (₹) 20,00,000 10,00,000 30,00,000 11,00,000 7,80,000 10,00,000	31st March 2017 (₹) 20,00,000 10,00,000 5,00,000 1,20,000 1,20,000 10,00,000 70,000
1. 2. 4.	Share Capital Equity Share Capital 12% Preference Share Capital Reserves and Surplus Surplus, i.e., Balance in Statement of Profit and Loss Less: Interim Dividend Preference Dividend Long-term Borrowings 10% Debentures Other Current Liabilities Unclaimed Dividend (Equity) Outstanding Expenses Short-term Provisions		31st March, 2018 (₹) 20,00,000 10,00,000 30,00,000 11,00,000 7,80,000 10,00,000 40,000 1,00,000	31st March 2017 (₹) 20,00,000 10,00,000 5,00,000 1,20,000 1,20,000 10,00,000 70,000
1. 2. 3. 4.	Share Capital Equity Share Capital 12% Preference Share Capital Reserves and Surplus Surplus, i.e., Balance in Statement of Profit and Loss Less: Interim Dividend Preference Dividend Long-term Borrowings 10% Debentures Other Current Liabilities Unclaimed Dividend (Equity) Outstanding Expenses Short-term Provisions Provision for Tax		31st March, 2018 (₹) 20,00,000 10,00,000 30,00,000 11,00,000 7,80,000 10,00,000 40,000 1,00,000	31st March 2017 (₹) 20,00,000 10,00,000 5,00,000 1,20,000 1,20,000 10,000,000 70,000 30,000
1. 2. 3. 4.	Share Capital Equity Share Capital 12% Preference Share Capital Reserves and Surplus Surplus, i.e., Balance in Statement of Profit and Loss Less: Interim Dividend Preference Dividend Long-term Borrowings 10% Debentures Other Current Liabilities Unclaimed Dividend (Equity) Outstanding Expenses Short-term Provisions		31st March, 2018 (₹) 20,00,000 10,00,000 30,00,000 11,00,000 7,80,000 10,00,000 40,000 1,00,000	31st March

$Additional\ Information:$

- 1. During the year, a Machinery costing ₹ 4,00,000, on which depreciation charged was ₹ 2,20,000, was sold at a profit of ₹ 60,000.
- 2. Depreciation charged on machinery was ₹ 7,00,000.
- 3. During the year, the company declared Interim Dividend @ 10%. It did not propose final dividend on Equity Shares but paid Preference Dividend. (6)

Solution:

23. CASH FLOW STATEMENT for the year ended 31st March, 2018

A. Cash Flow from Operating Activities Net Profit before Tax and Extraordinary Items: Closing Balance of Surplus, i.e., Balance in Statement of Profit and Loss Less: Opening Balance of Surplus, i.e., Balance in Statement of Profit and Loss Add: Provision for Tax (Current Year) Interim Dividend Proposed Dividend on Preference Shares* (12% of ₹ 10,00,000) Net Profit before Tax Adjustment for Non-Cash and Non-Operating Items: Depreciation on Machinery Interest on Debentures Patents written off ₹	₹ 7,80,000 3,80,000 4,00,000 50,000 2,00,000 1,20,000 7,70,000 8,40,000
Net Profit before Tax and Extraordinary Items: Closing Balance of Surplus, i.e., Balance in Statement of Profit and Loss Less: Opening Balance of Surplus, i.e., Balance in Statement of Profit and Loss Add: Provision for Tax (Current Year) Interim Dividend Proposed Dividend on Preference Shares* (12% of ₹ 10,00,000) Net Profit before Tax Adjustment for Non-Cash and Non-Operating Items: Depreciation on Machinery Interest on Debentures Patents written off 1,00,000 Patents written off	3,80,000 4,00,000 50,000 2,00,000 1,20,000 7,70,000
Closing Balance of Surplus, i.e., Balance in Statement of Profit and Loss Less: Opening Balance of Surplus, i.e., Balance in Statement of Profit and Loss Add: Provision for Tax (Current Year) Interim Dividend Proposed Dividend on Preference Shares* (12% of ₹ 10,00,000) Net Profit before Tax Adjustment for Non-Cash and Non-Operating Items: Depreciation on Machinery Interest on Debentures Depreciation of Machinery Interest on Debentures Depreciation of Machinery Interest on Debentures Depreciation of Machinery Depreciation of Mac	3,80,000 4,00,000 50,000 2,00,000 1,20,000 7,70,000
Less: Opening Balance of Surplus, i.e., Balance in Statement of Profit and Loss Add: Provision for Tax (Current Year) Interim Dividend Proposed Dividend on Preference Shares* (12% of ₹ 10,00,000) Net Profit before Tax Adjustment for Non-Cash and Non-Operating Items: Depreciation on Machinery Interest on Debentures Patents written off 7,00,000 1,00,000 40,000	3,80,000 4,00,000 50,000 2,00,000 1,20,000 7,70,000
Add: Provision for Tax (Current Year) Interim Dividend Proposed Dividend on Preference Shares* (12% of ₹ 10,00,000) Net Profit before Tax Adjustment for Non-Cash and Non-Operating Items: Depreciation on Machinery Interest on Debentures Patents written off Ad,000	4,00,000 50,000 2,00,000 1,20,000 7,70,000
Interim Dividend Proposed Dividend on Preference Shares* (12% of ₹ 10,00,000) Net Profit before Tax Adjustment for Non-Cash and Non-Operating Items: Depreciation on Machinery Interest on Debentures Patents written off Interior Dividend 7,00,000 1,0000 40,000	50,000 2,00,000 1,20,000 7,70,000
Interim Dividend Proposed Dividend on Preference Shares* (12% of ₹ 10,00,000) Net Profit before Tax Adjustment for Non-Cash and Non-Operating Items: Depreciation on Machinery Interest on Debentures Patents written off Interior Dividend 7,00,000 1,0000 40,000	2,00,000 1,20,000 7,70,000
Proposed Dividend on Preference Shares* (12% of ₹ 10,00,000) Net Profit before Tax Adjustment for Non-Cash and Non-Operating Items: Depreciation on Machinery Interest on Debentures Patents written off T,00,000 40,000	1,20,000 7,70,000
Net Profit before Tax Adjustment for Non-Cash and Non-Operating Items: Depreciation on Machinery 7,00,000 Interest on Debentures 1,00,000 Patents written off 40,000	7,70,000
Adjustment for Non-Cash and Non-Operating Items:7,00,000Depreciation on Machinery7,00,000Interest on Debentures1,00,000Patents written off40,000	
Depreciation on Machinery 7,00,000 Interest on Debentures 1,00,000 Patents written off 40,000	8,40,000
Interest on Debentures 1,00,000 Patents written off 40,000	8,40,000
Patents written off 40,000	8,40,000
17/11	8,40,000
	16 10 000
Less: Gain (Profit) on Sale of Machinery (WN)	16,10,000
	15,50,000
Add: Decrease in Current Assets and Increase in Current Liabilities:	13,30,000
Inventories 2,00,000	
Trade Receivables 2,00,000	
7.7	13,50,000
	29,00,000
Outstanding Expenses	30,000
Net Cash Generated from Operating Activities	28,70,000
Less: Tax Paid	30,000
Cash Flow from Operating Activities	28,40,000
B. Cash Flow from Investing Activities	
Proceeds from Sale of Machinery 2,40,000	
Purchase of Machinery (WN) (18,80,000)	
Purchase of Non-current Investments (50,000)	
Cash Used in Investing Activities (1	16,90,000)
C. Cash Flow from Financing Activities	
Interest on Debentures Paid (1,00,000)	
Interim Dividend Paid (₹ 2,00,000 – ₹ 60,000) (1,40,000)	
Preference Dividend Paid (1,20,000)	
() () () () () () () () () ()	(3,60,000)
	7,90,000
	12,10,000
	20,00,000

^{*}The company has paid interim dividend on Equity Shares but it did not propose final dividend on them but has paid dividend on Preference Shares.

Working Note:

Dr.	MACHINER'	MACHINERY ACCOUNT	
Particulars	₹	Particulars	₹
To Balance <i>b/d</i> To Gain (Profit) on Sale of Machinery A/c	20,00,000 60,000	By Bank A/c (Sale) (₹ 4,00,000 – ₹ 2,20,000 + ₹ 60,000)	2,40,000
(Statement of Profit and Loss) To Bank A/c (Purchase)	18,80,000	By Depreciation A/c By Balance <i>c/d</i>	7,00,000
(Balancing Figure)	39,40,000		39,40,000

23. (a) From the following information, calculate Cash Flow from Operating Activities:

Particulars	31st March, 2018 ₹	31st March, 2017 ₹
Surplus, i.e., Balance in the Statement of Profit and Loss	71,000	89,000
Inventory	12,000	4,000
Trade Receivables	58,000	45,000
Outstanding Expenses	14,600	10,000
Goodwill	57,000	27,000
Cash in Hand	9,000	12,000
Machinery	82,000	56,000

- (i) A piece of machinery costing ₹ 50,000 on which depreciation of ₹ 20,000 had been charged was sold for ₹ 10,000. Depreciation charged during the year was ₹ 18,000.
- (ii) Income Tax ₹ 23,000 was paid during the year.
- (iii) Interim Dividend paid during the year was ₹ 36,000.
- (*iv*) During the year, Non-current Investments were sold at a profit of 20% which is transferred to Capital Reserve. Book value of investment sold ₹ 10,000.

(b) From the following information, calculate Net Cash Flow from Investing Activities:

Particulars	31st March, 2018 ₹	31st March, 2017 ₹
Machinery (At Cost) Accumulated Depreciation	4,10,000 90,000	2,50,000 60,000

Additional Information: During the year, a machine costing ₹ 80,000 with its accumulated depreciation of ₹ 50,000 was sold at a profit of 20%. (4 + 2)

Solution:

23. (a)	CASH FLOW FROM OPERATING ACTIVITIES
40. (<i>u</i>)	CASITI LOW I NOW OF LIVATING ACTIVITIES

Particulars	₹	₹
Net Profit before Tax and Extraordinary Items (WN)		41,000
Add: Non-cash and Non-operating items:		
Depreciation on Machinery	18,000	
Loss on Sale of Machinery (₹ 50,000 – ₹ 20,000 – ₹ 10,000)	20,000	38,000
Operating Profit before Working Capital Changes		79,000
Add: Increase in Current Liabilities:		
Outstanding Expenses (₹ 14,600 – ₹ 10,000)		4,600
		83,600
Less: Increase in Current Assets:		
Inventory (₹ 12,000 – ₹ 4,000)	8,000	
Trade Receivables (₹ 58,000 – ₹ 45,000)	13,000	21,000
Cash Flow from Operating Activities before Tax		62,600
Less: Tax paid		23,000
Cash Flow from Operating Activities after Tax		39,600

Working Notes:

1. Calculation of Net Profit before Tax and Extraordinary Items:		
Surplus, i.e., Balance in the Statement of Profit and Loss as on 31st March, 2018		
Less: Surplus, i.e., Balance in the Statement of Profit and Loss as on 31st March, 2017	89,000	
Net Loss during the year	(18,000)	
Add: Interim Dividend Paid 36,000		
Tax paid 23,000	59,000	
Net Profit before Tax and Extraordinary Items	41,000	

2. As the profit on sale of Non-current Investment ₹ 2,000 has not been transferred to Statement of Profit and Loss but to Capital Reserve, it will not be adjusted while computing Operating Profit before Working Capital Changes.

(b)	CASH FLOW FROM INVESTING ACTIVITIES	
Particulars		₹
Purchase of Machinery (WN 1)		(2,40,000)
Sale of Machinery		36,000
Cash Used in Investing Activities		(2,04,000)

Working Notes:

1. <i>Dr</i> .	MACHINERY ACCOUNT		Cr.
Particulars	₹	Particulars	₹
To Balance b/d To Gain (Profit) on Sale of Machinery A/c (Statement of Profit and Loss) To Balancia Figure	2,50,000 6,000	· · · · · · · · · · · · · · · · · · ·	36,000 50,000 4,10,000
To Bank A/c (Purchase)—Balancing Figure	2,40,000 4,96,000		4,96,000

₹

*Book Value of Machinery on the date of Sale (₹ 80,000 – ₹ 50,000) 30,000

*Add: Gain (Profit) on Sale of Machinery (20% of ₹ 30,000) 6,000

Sale Proceeds 36,000

2. Dr.	ACCUMULATED DEPRECIATION ACCOUNT		Cr.	
Particulars	₹	Particulars	₹	
To Machinery A/c—Transfer	50,000	By Balance <i>b/d</i>	60,000	
To Balance c/d	90,000	By Statement of Profit and Loss (Depreciation of Current Year) (Balancing Figure)	80,000	
	1,40,000		1,40,000	

23. From the following Balance Sheet of Pioneer Traders Ltd. as at 31st March, 2018, prepare Cash Flow Statement:

BALANCE SHEET	OF PIC	ONEER TRADERS LTD.	as at 31st March, 2018
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Particulars	Note No.	31st March, 2018 (₹)	31st March, 2017 (₹)	
I. EQUITY AND LIABILITIES				
1. Shareholders' Funds				
(a) Share Capital		6,00,000	4,00,000	
(b) Reserves and Surplus	1	2,00,000	1,00,000	
2. Non-Current Liabilities				
Long-term Borrowings: 10% Bank Loan		1,00,000	2,00,000	
3. Current Liabilities				
(a) Trade Payables		45,000	60,000	
(b) Other Current Liabilities	2	20,000		
(c) Short-term Provisions	3	1,70,000	1,00,000	
Total		11,35,000	8,60,000	
II. ASSETS				
1. Non-Current Assets				
(a) Fixed Assets:				
(i) Tangible Assets: Machinery (Net)		6,00,000	6,00,000	
(ii) Intangible Assets: Patents		45,000	50,000	
(b) Non-current Investments		75,000		
2. Current Assets				
(a) Inventories		15,000	10,000	
(b) Trade Receivables		2,55,000	1,20,000	
(c) Cash and Cash Equivalents		1,45,000	80,000	
Total		11,35,000	8,60,000	
Notes to Accounts				
Particulars		31st March,	31st March,	
		2018 (₹)	2017 (₹)	
1. Reserves and Surplus				
Surplus, i.e., Balance in Statement of Profit and Loss		2,00,000	1,00,000	
2. Other Current Liabilities				
Unpaid Dividend		20,000		
2. Short-term Provisions		20,000	•••	
Provision for Tax		70,000	40,000	
1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1		70,000	40,000	
Proposed Dividend		1,00,000	60,000	
		1,70,000	1,00,000	

$Additional\ Information:$

- (i) During the year, a machine costing ₹ 75,000 was purchased. Loss on sale of machinery was ₹ 5,000. Depreciation charged on machinery was ₹ 12,000.
- (ii) Tax paid during the year was ₹ 50,000.
- (iii) Bank Loan of ₹ 1,00,000 repaid on 1st April, 2017.

Solution:

Pioneer Traders Ltd.CASH FLOW STATEMENT for the year ended 31st March, 2018

CASATI ESTA STATEMENT	for the year ended 31st March, 2018		_
		₹	₹
0 – ₹ 1,00,000) ax (WN 2) dend (Last Year)		1,00,000 80,000 1,00,000	2 00 000
Tash and Non-Operating Items: In Machinery Machinery		12,000 5,000 5,000	2,80,000
ore Working Capital Changes sets and Current Liabilities:		10,000	32,000 3,12,000
es eivables		(5,000) (1,35,000)	(1,55,000) 1,57,000 50,000
esting Activities rent Investments ry of Machinery (WN 1)		(75,000) (75,000) 58,000	1,07,000
ancing Activities of Shares n Paid		2,00,000 (1,00,000) (10,000) (40,000)	(92,000)
n and Cash Equivalents (I + II + ash Equivalents	+ III)		50,000 65,000 80,000 1,45,000
MACH	INERY ACCOUNT		Cr.
₹	Particulars		₹
	By Bank A/c (Sale) (Balancing FBy Loss on Sale of Machinery A	Vc	12,000 58,000 5,000
6,75,00	By Balance c/d		6,00,000 6,75,000
PROVISION	N FOR TAX ACCOUNT		Cr.
₹	Particulars		₹
70,00	0 By Statement of Profit and Los	s (Bal. Fig.)	40,000 80,000 1,20,000
	erating Activities D = ₹ 1,00,000) ax (WN 2) Idend (Last Year) Ind Extraordinary Items Cash and Non-Operating Items: In Machinery If Machinery If Machinery If Machinery If Patents In K Loan (10% of ₹ 1,00,000) If Patents If Patents	erating Activities D = ₹ 1,00,000) Dax (WN 2) Idend (Last Year) Ind Extraordinary Items Cash and Non-Operating Items: In Machinery If Machinery If Machinery If Patents In Loan (10% of ₹ 1,00,000) Dre Working Capital Changes Sets and Current Liabilities: In Space Sets and Current Liabilities: In Paid Doy Coperating Activities In Paid Doy = ₹ 20,000 (Unpaid)] Doy = ₹ 20	erating Activities -> ₹ 1,00,000) ax (WN 2) dend (Last Year) mind Extraordinary Items Cash and Non-Operating Items: m Machinery of Patents sets and Current Liabilities: yables es (15,000) es (working Capital Changes sets and Current Liabilities: yables es (15,000) es (1,35,000) Operating Activities esting Activities esting Activities esting Activities esting Activities of Machinery (WN 1) g Activities ancing Activities ancing Activities ancing Activities ancing Activities b and Cash Equivalents (I+II+III) ash Equivalents ash Equivalents (5,000) ACCOUNT ACCO

23. From the following Balance Sheet of Pioneer Construction Ltd. as at 31st March, 2018, prepare Cash Flow Statement:

BALANCE SHEET OF PIONEER CONSTRUCTION LTD. as at 31st March 2018

BALANCE SHEET OF PIONEER CONSTRUCTION	LID. as at 31st March 2016		
Particulars	Note No.	31st March, 2018 (₹)	31st March, 2017 (₹)
I. EQUITY AND LIABILITIES			
1. Shareholders' Funds			
(a) Share Capital		3,50,000	2,50,000
(b) Reserves and Surplus	1	1,75,000	1,00,000
2. Non-Current Liabilities			
Long-term Borrowings—Bank Loan		25,000	50,000
3. Current Liabilities			
(a) Trade Payables		26,000	27,500
(b) Short-term Provisions	2	60,000	40,000
Total		6,36,000	4,67,500
II. ASSETS		.,,	7 - 7
1. Non-Current Assets			
(a) Fixed Assets:			
(i) Tangible Assets—Equipment		2,50,000	2,50,000
(ii) Intangible Assets—Patents		47,500	50,000
(b) Non-current Investments		50,000	2,500
2. Current Assets		30,000	2,300
(a) Inventories—Stock		65,000	25,000
(b) Trade Receivables—Debtors		60,000	40,000
(c) Cash and Cash Equivalents	3	1,63,500	1,00,000
Total	3	6,36,000	4,67,500
IOtal		0,30,000	4,07,300
Notes to Accounts			
Particulars		31st March,	31st March,
		2018 (₹)	2017 (₹)
1. Reserves and Surplus			
Surplus, i.e., Balance in Statement of Profit and Loss		1,75,000	1,00,000
2. Short-term Provisions			
Provision for Tax		25,000	15,000
Proposed Dividend		35,000	25,000
		60,000	40,000
3. Cash and Cash Equivalents			
Cash at Bank		1,50,000	1,00,000
Cash in Hand		13,500	
		1,63,500	1,00,000
		113	.,,

Additional Information:

- (i) During the year, equipment costing ₹ 50,000 was purchased.
- (ii) Loss on sale of equipment amounted to ₹ 6,000. ₹ 9,000 depreciation was charged on equipment.
- (iii) Tax paid during the year was ₹ 15,000.
- (*iv*) An Interim Dividend of ₹ 55,000 was paid during the year. The Board of Directors proposed dividend for the years ended 31st March, 2017 and 2018 @ 10%. (6)

Solution:

23.	CASH FLOW STATEMENT for the	vear ended 31st March 2018
20.	CASITI LOW STATEMENT FOR THE	year chaca 313t March, 2010

Particulars				₹	₹
A. Cash Flow from Operating Activities					
Closing Surplus, i.e., Balance in Statement of Pro	ofit and Loss	5		1,75,000	
Less: Opening Surplus, i.e., Balance in Statemer				1,00,000	
				75,000	
Add: Provision for Tax (WN 2)				25,000	
Interim Dividend				55,000	
Proposed Dividend				35,000	
Net Profit before Tax and Extraordinary Items				1,90,000	
Adjustment for: Non Cash and Non-operating It	rems:				
Loss on Sale of Equipment				6,000	
Patents Amortised				2,500	
Depreciation				9,000	
Operating Profit before Working Capital Chang		Later		2,07,500	
Less: Increase in Current Assets and Decrease in	n Current Lia		500		
Trade Payables			500		
Inventories Trade Receivables		•	000	61,500	
Cash Generated from Operations			000	1,46,000	
Less: Tax paid				15,000	
Cash Flow from Operating Activities				13,000	1,31,000
B. Cash Flow from Investing Activities					1,51,000
Purchase of Equipment				(50,000)	
Purchase of Non-current Investments				(47,500)	
Proceeds from Sale of Equipment (WN 3)				35,000	
Cash Used in Investing Activities					(62,500)
C. Cash Flow from Financing Activities					
Proceeds from Issue of Shares				1,00,000	
Repayment of Bank Loan				(25,000)	
Payment of Interim Dividend				(55,000)	
Payment of Final Dividend				(25,000)	
Cash Flow from Financing Activities					(5,000)
D. Net Increase in Cash and Cash Equivalents (A + B + C)				63,500
Add: Opening Cash and Cash Equivalents					1,00,000
E. Closing Cash and Cash Equivalents					1,63,500
Working Notes:					
1. Dr. PRC	VISION FOR	TAX ACCOUNT			Cr.
Particulars	₹	Particulars			₹
To Bank A/c	15,000	By Balance b/d			15,000
To Balance c/d	25,000	By Statement of Profit	and Los	s (Bal. Fig.)	25,000
	40,000			-	40,000

2. Dr.	EQUIPMEN	T ACCOUNT	Cr.
Particulars	₹	Particulars	₹
To Balance <i>b/d</i> To Bank A/c (Purchase)	2,50,000 50,000 3,00,000	By Depreciation A/c By Bank A/c (Sale)—Balancing Figure By Loss on Sale of Equipment A/c (Statement of Profit and Loss) By Balance c/d	9,000 35,000 6,000 2,50,000 3,00,000

^{3.} Since the shareholders have not declared dividend for the year ended 31st March, 2017, it is not accounted and paid. Hence, adjustment for Proposed Dividend will not be made

23. From the following information, prepare a Cash Flow Statement:

BALANCE SHEET as at 31st March, 2018

ı			
Particulars	Note No.	31st March, 2018 (₹)	31st March, 2017 (₹)
	110.	2010 (1)	2017 (1)
I. EQUITY AND LIABILITIES			
1. Shareholders' Funds			
(a) Share Capital		10,00,000	10,00,000
(b) Reserves and Surplus	1	6,00,000	3,00,000
2. Non-Current Liabilities			
Long-term Borrowings	2	8,00,000	6,00,000
3. Current Liabilities			
(a) Short-term Borrowings	3	4,50,000	4,00,000
(b) Trade Payables		4,50,000	6,00,000
(c) Short-term Provisions	4	3,00,000	2,50,000
Total		36,00,000	31,50,000
II. ASSETS			
1. Non-Current Assets			
(a) Fixed Assets—Tangible	5	19.00.000	15,00,000
(b) Non-current Investments		3,00,000	4,00,000
2. Current Assets			,,,,,,,,,,
(a) Inventories		5,50,000	4,00,000
(b) Trade Receivables		4,50,000	4,00,000
(c) Cash and Cash Equivalents		4,00,000	4,50,000
Total		36,00,000	31,50,000
		33/33/333	3.7537555
Notes to Accounts		<u> </u>	
Particulars		31st March,	31st March,
		2018 (₹)	2017 (₹)
1. Reserves and Surplus			
Surplus, i.e., Balance in Statement of Profit and Loss		6,00,000	3,00,000
2. Long-term Borrowings			2,12,121
12% Debentures		8,00,000	6,00,000
3. Short-term Borrowings		=	5,55,555
Bank Overdraft		4,50,000	4,00,000
4. Short-term Provisions		-,,	.,,
Provision for Tax		2,00,000	1,00,000
Proposed Dividend		1,00,000	1,50,000
		3,00,000	2,50,000
5. Fixed Assets—Tangible		3,00,000	2,50,000
5. Fixed Assets—Tangible Machinery		19,00,000	15,00,000

Additional Information:

- (a) A piece of machinery costing ₹ 50,000, on which depreciation of ₹ 20,000 had been charged was sold for ₹ 10,000. Depreciation charged during the year was ₹ 1,70,000.
- (b) New Debentures were issued on 1st August, 2017.
- (c) During the year ₹ 1,00,000 were paid as interim dividend.

Solution:

23. CASH FLOW STATEMENT for the year ended 31st March, 2018

Particulars		₹	₹
A. Cash Flow from Operating Activities			
Net Profit before Tax and Extraordinary Items (WN 1)		7,00,000	
Add: Depreciation on Fixed Assets		1,70,000	
Loss on Sale of Fixed Assets		20,000	
Interest on Debentures (WN 2)		88,000	
Operating Profit before Working Capital Changes		9,78,000	
Less: Increase in Current Assets and Decrease in Current Liabilities			
Inventories	1,50,000		
Trade Receivables	50,000		
Trade Payables	1,50,000	3,50,000	
Cash Generated from Operating Activities		6,28,000	
Less: Tax Paid		1,00,000	
Cash Flow from Operating Activities			5,28,000
B. Cash Flow from Investing Activities			
Proceeds from Sale of Machinery (WN 3)		10,000	
Purchase of Machinery (WN 3)		(6,00,000)	
Proceeds from Sale of Non-current Investment		1,00,000	
Cash Used in Investing Activities			(4,90,000)
C. Cash Flow from Financing Activities			
Interim Dividend Paid		(1,00,000)	
Final Dividend Paid (2016–17)		(1,50,000)	
Bank Overdraft Raised		50,000	
Interest on Debentures		(88,000)	
Cash Proceeds from Long-term Borrowings		2,00,000	
Cash Used in Financing Activities			(88,000)
D. Net Increase/Decrease in Cash and Cash Equivalents (A + B + C)			(50,000)
E. Add: Opening Cash and Cash Equivalents (Cash and Bank Balances)			4,50,000
F. Closing Cash and Cash Equivalents (Cash and Bank Balances) (D + E)			4,00,000

Working Notes:

1. Calculation of Net Profit before Tax and Extraordinary Items:

Particulars	₹
Profit for the Year (₹ 6,00,000 – ₹ 3,00,000)	3,00,000
Add: Interim Dividend Paid	1,00,000
Proposed Dividend (for Current Year)	1,00,000
Provision for Tax	2,00,000
Net Profit before Tax and Extraordinary Items	7,00,000

^{2.} Interest on Debentures = (₹ 6,00,000 × 12/100 × 4/12) + (₹ 8,00,000 × 12/100 × 8/12) = ₹ 24,000 + ₹ 64,000 = ₹ 88,000.

3. Dr. MACHINERY ACCOUNT			Cr.
Particulars	₹	Particulars	₹
To Balance <i>b/d</i> To Bank A/c—Balancing Figure (Purchase)	15,00,000 6,00,000 21,00,000	By Bank A/c—Sale By Loss on Sale of Machinery A/c (Statement of Profit and Loss) By Depreciation A/c By Balance c/d	10,000 20,000 1,70,000 19,00,000 21,00,000

^{4.} It is assumed that Proposed Dividend for the year 2016–17 had been approved by shareholders and paid.

23. From the following Balance Sheet of Bee Ltd. as at 31st March, 2018, prepare Cash Flow Statement:

Par	ticulars	Note No.	31st March, 2018 ₹	31st March, 2017 ₹
ī.	EQUITY AND LIABILITIES			
	1. Shareholders' Funds			
	(a) Share Capital		15,00,000	12,50,000
	(b) Reserves and Surplus	1	7,50,000	6,00,000
	2. Non-Current Liabilities			
	Long-term Borrowings (10% Debentures)		2,00,000	
	3. Current Liabilities			
	(a) Short-term Borrowings (10% Bank Loan)		1,00,000	50,000
	(b) Trade Payables	2	7,00,000	6,50,000
	(c) Short-term Provisions	3	4,00,000	2,70,000
	Total		36,50,000	28,20,000
II.	ASSETS			
	1. Non-Current Assets			
	(a) Fixed Assets		3,00,000	2,00,000
	(b) Non-current Investments		1,00,000	1,50,000
	2. Current Assets			
	(a) Inventories (Stock)		12,00,000	8,70,000
	(b) Trade Receivables (Debtors)		9,00,000	9,80,000
	(c) Cash and Cash Equivalents		11,50,000	6,20,000
	Total		36,50,000	28,20,000
No	tes to Accounts			
Par	ticulars		31st March.	31st March,
			2018	2017
			₹	₹
1.	Reserves and Surplus			
	General Reserve		1,50,000	1,00,000
	Surplus, i.e., Balance in Statement of Profit and Loss		6,00,000	5,00,000
			7,50,000	6,00,000
2.	Trade Payables			
	Creditors		4,50,000	5,00,000
	Bills Payable		2,50,000	1,50,000
	Chart Asim Bassistan		7,00,000	6,50,000
3.	Short-term Provisions		2.50.000	1.50.000
	Provision for Tax		2,50,000	1,50,000
	Proposed Dividend		1,50,000 4,00,000	1,20,000
			4,00,000	2,70,000

$Additional\ Information:$

- 1. During the year $\stackrel{?}{\sim}$ 50,000 depreciation was charged on fixed assets.
- 2. Tax provided during the year ₹ 2,00,000.
- 3. 10% Debentures were issued on 1st April, 2017 and further Bank loan was raised on the same date. (6)

Solution:

23. CASH FLOW STATEMENT for the year ended 31st March, 2018

Parti	iculars	₹	₹
I.	Cash Flow from Operating Activities		
	Closing Balance of Surplus, i.e., Balance in Statement of Profit and Loss	6,00,000	
	Less: Opening Balance of Surplus, i.e., Balance in Statement of Profit and Loss	5,00,000	
	Profit for the year	1,00,000	
	Add: Transfer to General Reserve	50,000	
	Proposed Dividend	1,50,000	
	Provision for Tax	2,00,000	
	Net Profit before Tax and Extraordinary Items		5,00,000
	Adjustment for Non-Cash and Non-Operating Items:		
	Depreciation on Fixed Assets	50,000	
	Interest on Debentures (10% of ₹ 2,00,000)	20,000	
	Interest on Bank Loan (10% of ₹ 1,00,000)	10,000	80,000
	Operating Profit before Working Capital Changes		5,80,000
	Change in Current Assets and Current Liabilities:		
	Decrease in Trade Receivables	80,000	
	Increase in Inventories	(3,30,000)	
	Decrease in Creditors	(50,000)	
	Increase in Bills Payable	1,00,000	(2,00,000)
	Cash Generated from Operations		3,80,000
	Less: Tax Paid (WN 1)		1,00,000
	Cash Flow from Operating Activities		2,80,000
II.	Cash Flow from Investing Activities		
	Fixed Assets Purchased (WN 2)	(1,50,000)	
	Sale of Non-current Investments	50,000	
	Cash Used in Investing Activities		(1,00,000)
III.	Cash Flow from Financing Activities		
	Proceeds from Issue of Shares	2,50,000	
	Proceeds from Issue of 10% Debentures	2,00,000	
	Increase in Short-term Borrowings (Bank Loan)	50,000	
	Dividend Paid*	(1,20,000)	
	Interest paid on Debentures	(20,000)	
	Interest paid on Bank Loan	(10,000)	
	Cash Flow from Financing Activities		3,50,000
IV.	Net Increase in Cash and Cash Equivalents (I + II + III)		5,30,000
V.	Cash and Cash Equivalents in the beginning of the year		6,20,000
VI.	Cash and Cash Equivalents at the end of the year (IV + V)		11,50,000

Working Notes:

1. Dr.	PROVISION FOR TAX ACCOUNT		Cr.
Particulars	₹	Particulars	₹
To Bank A/c (Bal. Fig.) (Tax Paid) To Balance c/d	1,00,000 2,50,000 3,50,000	By Balance <i>b/d</i> By Statement of Profit and Loss (Prov. Made)	1,50,000 2,00,000 3,50,000
2. Dr.	FIXED ASS	SETS ACCOUNT	Cr.
Particulars	₹	Particulars	₹
To Balance <i>b/d</i> To Bank A/c (Bal. Fig.) (Purchase)	2,00,000 1,50,000 3,50,000	By Depreciation A/c By Balance c/d	50,000 3,00,000 3,50,000

23. (a) From the following information, calculate Cash Flow from Operating Activities:

Particulars	31st March, 2018	31st March, 2017
	₹	₹
Surplus, i.e., Balance in the Statement of Profit and Loss	71,000	89,000
Inventory	12,000	4,000
Trade Receivables	58,000	45,000
Outstanding Expenses	14,600	10,000
Goodwill	57,000	27,000
Cash in Hand	9,000	12,000
Machinery	82,000	56,000

- (i) A piece of machinery costing ₹ 50,000 on which depreciation of ₹ 20,000 had been charged was sold for ₹ 10,000. Depreciation charged during the year was ₹ 18,000.
- (ii) Income Tax ₹ 23,000 was paid during the year.
- (iii) Interim Dividend paid during the year was ₹ 36,000.
- (iv) During the year, Non-current Investments were sold at a profit of 20% which is transferred to Capital Reserve. Book value of investment sold ₹ 10,000.
- (b) From the following information, calculate Cash Flow from Investing Activities:

Particulars	31st March, 2018 ₹	31st March, 2017 ₹
Machinery (At Cost)	4,10,000	2,50,000
Accumulated Depreciation	90,000	60,000

Additional Information: During the year, a machine costing ₹ 80,000 with its accumulated depreciation of ₹ 50,000 was sold at a profit of 20%. (4 + 2)

Solution:

23. (a)	CASH FLOW FROM OPERATING ACTIVITIES
20. (<i>a</i>)	CASITI LOW I NOW OF LIVATING ACTIVITIES

Particulars	₹	₹
Surplus, i.e., Balance in the Statement of Profit and Loss as on 31st March, 2018		71,000
Less: Surplus, i.e., Balance in the Statement of Profit and Loss as on 31st March, 2017		89,000
Net Loss during the year		(18,000)
Add: Interim Dividend Paid	36,000	
Tax paid	23,000	59,000
Net Profit before Tax and Extraordinay Items		41,000
Add: Non-cash and Non-operating items:		
Depreciation on Machinery	18,000	
Loss on Sale of Machinery (₹ 50,000 – ₹ 20,000 – ₹ 10,000)	20,000	38,000
Operating Profit before Working Capital Changes		79,000
Add: Increase in Current Liabilities:		
Outstanding Expenses (₹ 14,600 – ₹ 10,000)		4,600
		83,600
Less: Increase in Current Assets:		
Inventory (₹ 12,000 – ₹ 4,000)	8,000	
Trade Receivables (₹ 58,000 – ₹ 45,000)	13,000	21,000
Cash Flow from Operating Activities before Tax		62,600
Less: Tax paid		23,000
Cash Flow from Operating Activities		39,600

Note: As the Gain (Profit) on sale of Non-current Investment ₹ 2,000 has not been transferred to Statement of Profit and Loss but to Capital Reserve, it will not be adjusted while computing Operating Profit before Working Capital Changes.

(b) CASH FLOW FROM INVESTING ACTIVITIES

Particulars	₹
Purchase of Machinery (WN 1)	(2,40,000)
Sale of Machinery	36,000
Cash Used in Investing Activities	(2,04,000)

Working Notes:

1. <i>Dr</i> .	n. MACHINERY ACCOUNT		Cr.	
Particulars	₹	Particulars	₹	
To Balance b/d	2,50,000	By Bank A/c (Sale Proceeds)*	36,000	
To Gain (Profit) on Sale of Machinery A/c	6,000	By Accumulated Depreciation A/c	50,000	
(Statement of Profit and Loss)		By Balance <i>c/d</i>	4,10,000	
To Bank A/c (Purchase)—Balancing Figure	2,40,000			
	4,96,000		4,96,000	
	4,90,000		4,90,0	

₹

*Book Value of Machinery on the date of Sale (₹ 80,000 – ₹ 50,000)	30,000
Add: Gain (Profit) on Sale of Machinery (20% of ₹ 30,000)	6,000
Sale Proceeds	36,000

2.Dr.	ACCUMULATED DEPRECIATION ACCOUNT		
Particulars	₹	Particulars	₹
To Machinery A/c—Transfer	50,00	0 By Balance <i>b/d</i>	60,000
To Balance c/d	90,00	0 By Statement of Profit and Loss (Depreciation Current Year) (Balancing Figure)	80,000
	1,40,00	0	1,40,000