Question 1)

Prepare accounting equation from following transactions:

- 1) Sachin started business and introduced capital 100000 in cash.
- Purchased goods in cash 50000.
- 3) Purchased furniture from samrat furnitures 20000Rs.
- 4) Sold goods costing Rs 25000 for Rs 35000 against cash.

5) Paid samrat furnitures in cash.

Solution:

No transaction = liabilities + capital asset 1. sachin started business 1,00,000 = 0 + 1,00,000 2. purchased goods +50000 -50000 + 1,00,000 = 0 New equation 1,00,000 = 20000 + 3. Purchased furniture from samrat + 20000 New equation 1,20,000 = 20,000 + 1,00,000 4.sales goods cost 25000 -25000 for Rs 35000 +35000 +10,000 = 20,000 + 1,10,000 New equation 1,30,000 5. Paid samrat -20000 = -20000 + 1,10,000

1,10,000

Question 2)

New equation

Prepare accounting equation on the basis of following;

- 1) Started business with cash Rs 70000.
- 2) Credit purchases of goods Rs 18000.
- 3) Payment made to creditors in full settlement Rs 17500.
- 4) Purchase of machinery for cash Rs 20000.

Solution:

No transaction	asset	= liabilities + capital
	cash + goods + machine	= creditor
1. Started business	70,000	= 0 + 70,000
2. credit purchase goods	- + 18000	= 18000 + -
New equation	70,000+ 18,000	=18000 + 70000
•		
3. Payment full settlement	:-17,500 + -	=-18000 + 500
New equation	52,500 + 18000	= 0 + 70,500
4.purchase machine	- 20000 + 0 + 20000	= 0 + 70,500
New equation	32,500 + 18000 + 20000	= 0 + 70,500

Question 3)

Rakesh started a business as on 1st april, 2016. with a capital of Rs 1,50,000 during the year, the following transaction took place:

= 0 + 1,10,000

RS	
1) Furniture purchased of cash.	20,000
2) Purchased goods from mahesh on credit	25,000
3) Sold goods costing Rs 10,000 to mohan for cash	14,000
4) Additional capital in <mark>troduced</mark>	20,000
5) Commission received in advance	2000

- 6) Paid to creditor mahesh Rs 22,500 in full settlement.
- 7) Sold goods costing Rs 15,0<mark>00 for Rs 18,000 out of wh</mark>ich Rs 5000 received in cash.
- 8) Depreciation on furniture provided @10%

Solution:

No transaction	assets	=ca pital + liabilities	
	cash + furniture + stock + debtor		creditors + comm . Rec. in adv
 Started business 	1,50,000	= 1,50,000 + -	
2. Furniture purchased	-20,000 + 20,000	= - + -	
New equation	1,30,000 + 20,000	= 1,50,000 + -	
Purchased goods			
From mahesh	0 + 0 + 25,000	= 0 + 25,000	
New equation	1,30,000 + 20,000 + 25000	= 1,50,000 + 25000	
4. Sold goods costing	+14,000 + 0 -10,000	= +4000 + 0	
10,000 for Rs 14,000			
New equation	1,44,000 + 20,000 + 15000	= 1,54,000 + 25000	
5. Additional capital	20,000 + 0 + 0	= 20,000 + 0	
New equation	1,64,000 + 20,000 + 15,000	= 1,74,000 + 25,000	
6. Commission received	1 +2000 + 0 + 0	= 0 + 0	+ 2000
New equation	1,66,000 + 20,000 + 15,000	= 1,74,000 + 25,000	<mark>+ 2000</mark>

Full settlement - 22,500 + 0 + 0 = +2500 - 25,000 + 200 New equation 1,43,500 + 20,000 + 15,000 = 1,76,500 + 0 + 2000 = +2500 - 25,000 + 2000 8. Sold goods costing +5000 + 0 + -15000 + 13,000 = +3000 10,000 f0r rs 18,000 Out of which 5000 rec in cash New equation 1,48,500 + 20,000 + 0 + 13000 = 1,79,500 + 0 + 20009. Depreciation charged
10% on furniture 0 + -2000 + 0 + 0 = -2000 + 0 + 2000
New equation 1,48,500 + 18,000 + 0 + 13000 = 1,77,500 + 0 + 2000 = -2000 + 0 + 2000

ADJUSTMENT TRANSACTIONS

1) OUTSTANDING EXPENSES: expenses incurred but not paid

treatment in accounting subtract from capital

new column- liability side - name - outstanding expenses.

2) PREPAID BXPENSES: expenses paid in advance

Treatment in accounting

Deduct from cash

Create - asset side - name - prepaid expenses

3) ACCRUED INCOME: income earned but not received yet

Treatment in accounting equation

Add in capital

Create - asset side - name - accrued income

4) UNEARNED INCOME INCOME RECEIVED IN ADVANCE; income has been received but not earned

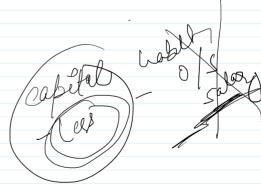
Treatment in accounting equation

Add in cash Create new column liability side name unearned income

- Practice question. 1) Interest due but not received Rs 500
- 2) Rent received in advance Rs 1000
 3) Insurance premium and in advance Rs 1500
 4) Salafies due but not pata Rs 2000

Solution.





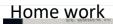


Illustration 6. Prepare Accounting Equation of the following trans	sactions and also
the Balance Sheet:	o [‡]
1. Manu started business with cash.	1,00,000
Opened a Bank Account and transferred ₹ 4,00,000 from his	
Savings Account.	
2. Purchased a building from Sohan for ₹ 12,00,000 paid by	
taking a loan from SBL	10,00,000
3. Paid interest on loan ₹ 20,000 and instalment of ₹ 1,00,000.	THE PERSON NAMED IN
4. Purchased goods from Rohan on credit. 5 Goods returned to Rohan costing	1,00,000
6. Sold goods costing ₹ 40,000 for ₹ 50,000 on credit to Ram.	20,000
7. Took goods from business for personal use.	
Accrued interest.	10,000
9. Commission received in advance.	5,000
10. Cash received from Ram.	20,000
Solution: Solution on Page No. 5 11	10,000

Solution;

No transaction	a	sset = ca	pital +liability
	cash + bank + building +stock + debto		c in adv + bank loan + creditor
started business with cash and bank	1,00,000 + 4,00,000	= 5,00,000 +	
2. Purchased building on	-2,00,000 + 12,00,000	= 0	+ 10,00,000
loan from SBI	4.00.000 + 2.00.000 + 42.00.000	F 00 000	. 10.00.000
New equation	1,00,000 + 2,00,000 + 12,00,000	= 5,00,000	+ 10,00,000
3. Paid int and Installment	0 +-1,20,000 + 12,00,000	= - 20,000	+ -1,00,000
New equation	1,00,000 + 80,000 + 12,00,000	= 4,80,000	+ 9,00,000
Goods purchased on credit	0 + 0 + 0 + 1,00,000	= 0	+ 0 + 1,00,000
New equation	1,00,000 + 80,000 + 12,00,000 + 1,00,000	= 4,80,000	+ 9,00,000 + 1,00,000
5. Goods returned to Rohan	0 + 0 + 0 + -20,000	= 0	+ 0 + -20,000
New equation	1,00,000 + 80,000 + 12,00,000 + 80,000	= 4,80,000	+ 9,00,000 + 80,000
6. Sold goods cost 40,000 for 50,000	0 + 0 + 0 + -40,000 +	- 50,000 = 10,000	+ 0 + 0
on credit New equation	1,00,000 + 80,000 + 12,00,000 + 40,000 + 50,0	00 = 4,90,000	+ 9,00,000 + 80,000
New equation	1,00,000 + 80,000 + 12,00,000 + 40,000 + 30,0	- 4,90,000	+ 9,00,000 + 80,000
7. drawing	0 + 0 + 0 +-10,000 + 0	= -10,000	+ 0 + 0
new equation 1	1,00,000 + 80,000 + 12,00,000 + 30,000 + 50,000	= 4,80,000	+ 9,00,000 + 80 000
8. Accrued income	0 + 0 + 0 + 0 + 0	+ 5000 = 5000	+ 0 + 0
	,00,000 + 80,000 +12,00,00 +30,000 +50,000+ 50		+ 0 + 0 + 0 + 0 + 0 + 9,00,000 + 80,000
rew equation 1	,,00,000 + 00,000 + 12,00,00 + 00,000 + 00,000 + 00	1,03,000	. 3,00,000 . 20,000
	+ 20,000 + 0 + 0 + 0 + 0 + 0		0,000 + 0 + 0
New equation 1,	20,000 + 80,000 + 12,00,000 + 30,000 + 50,000	+ 5000 = 4,85,000 + 20,000	0 + 9,00,000 + 80 000
10. Rec from ram +	10,000 + 0 + 0 + 0 + -10,000) + 0 = 0 + 0	+ 0 + 0
	30,000 + 80,000 + 12,00,000 + 30,000 + 40,000		

Schartion: -

Machinery purchase

Socrease in one fissel Machinery burchase

Pecrease another

Assel

Clocky purchase

Asset

Fresh prochase

Cooky purchase

Clocky purchase

Asset

Asse 2° onc in Assel . One in history goods purchased on credit 3°d = 90°C in Asset cash 9 ntroduced
90°C in owner's p = in Business
capital paiel to executor by each. T'= dec in Asset dec in liability = 5th - dec in Asset

olec in owner's
capital eash Hock withdrawn for personal use Creditor baid through by owners personalfund 5th Dect in liability &
9nc in Owners =
Capital H. Doc in liabilities of salary Rent/wages

der in Owner's = Internt

Capital & Internt 9 nternt

class 11th CBSE Page

0 = 4 Total Assel of a Business are is 200,000 and net worth (capital) is is 1,50,000. Calculate creditos? Assets = Capital + brabition 72000 = 71,50,000 + ? = 50000 coditor 0: if the capital of a busines \$ 100,000 and outside liability are \$60,000,

An = 1,60,000 8 from the Sollowing Anformeliën Calculate total Assol · Expenses on comed = 2,000,00 Rev garned = 7,50,000 · cap = 7 4.00,000 Assets = liebslike + capital $\frac{7.50,000}{2} = 3.60,000 + 4.00,000 + 5.50,000$ Ayet = [12,50,000] 0 = A Commenced his cloth busines on 14 April 2016 with a lapital of Rs 30,000. on 31st much 2017 his ayets were & So,000 and habilities

class 11th CBSE Page 6

no was were 19 50,000 and was Rs 10,000. Find out his closing Capital and profet Earned during the year 21st march 2017 St 1st April
2014

Spaning capital = 30000 Assets = SOSDO lis = 10,000. 3000 + list Total Assets cap 10000 50,000 = ?