

SAMPLE QUESTION PAPER
ACCOUNTANCY (055) CLASS-XII
2016

Time allowed –Three hours

Max Marks 80

General Instructions:

- 1) This question paper contains two parts A and B.
- 2) Part A is compulsory for all.
- 3) Part B has two options-Financial statements Analysis and Computerized Accounting.
- 4) Attempt only one option of Part B.
- 5) All parts of a question should be attempted at one place.

PART A: ACCOUNTING FOR PARTNERSHIP FIRMS AND COMPANIES

Q1.	<p>A, B and C are the partners sharing profits and losses in the ratio of 5:3:2. C retired and his capital balance after adjustments regarding Reserves, Accumulated profits/ losses and gain/loss on revaluation was ₹2,50,000. C was paid ₹ 3,00,000 in full settlement. Afterwards D was admitted for 1/4th share . Calculate the amount of goodwill premium brought by D.</p> <p>Sol: Goodwill share of C= ₹ 3,00,000- ₹ 2,50,000= ₹ 50,000 Firm's Goodwill= 50,000x10/2= ₹2,50,000 D's share in Goodwill= ₹ 2,50,000x1/4= ₹62,500</p>	(1)
Q2.	<p>A and B were partners in a firm. They admitted C as a new partner for 20% share in the profits. After all adjustments regarding general reserve, goodwill, gain or loss on revaluation, the balances in capital accounts of A and B were ₹ 3,85,000 and ₹ 4,15,000 respectively. C brought proportionate capital so as to give him 20% share in the profits. Calculate the amount of capital to be brought by C.</p> <p>Sol: Combined capital of A and B = ₹ 3,85,000+ ₹ 4,15,000= ₹ 8,00,000 C's Share= 1/5th of total capital Remaining share= 1-1/5=4/5 4/5= ₹8,00,000 C's capital= ₹8,00,000x5/4x1/5= ₹ 2,00,000</p>	(1)
Q3.	<p>A and B are partners. The net divisible profit as per Profit and Loss Appropriation A/c is ₹ 2,50,000. The total interest on partner's drawing is ₹ 4,000. A's salary is ₹ 4,000 per quarter and B's salary is ₹ 40,000 per annum. Calculate the net profit/loss earned during the year.</p> <p>Sol. Net Profit during the year = Divisible profits + Salary to partners – Interest on Drawings = 2,50,000 + 16,000 + 40,000 – 4000 = ₹ 3,02,000</p>	(1)
Q4.	<p>ABC Ltd. Purchased for cancellation its own 5,000, 9% Debentures of ₹ 100 each for ₹ 95 per debenture. The brokerage charges ₹ 15,000 were incurred. Calculate the amount to be transferred to capital reserve.</p> <p>Sol.Amount paid for 5,000 Debentures= 4,75,000+15,000= ₹4,90,000 The nominal value of debentures to be redemption/cancelled= ₹5,00,000 Amount of profit on redemption to be transferred to capital reserve= ₹5,00,000- ₹4,90,000= ₹10,000</p>	(1)

Q5.	<p>A Ltd forfeited a share of ₹100 issued at a premium of 20% for non-payment of first call of ₹30 per share and final call of ₹10 per share. State the minimum price at which this share can be reissued</p> <p>Sol. Minimum price at which shares can be reissued = ₹100 – ₹60 = ₹40</p>	(1)																																	
Q6.	<p>A group of 60 persons want to form a partnership business in India. Can they do so? Give reason in support of your answer.</p> <p>Sol. No, Maximum no. of partners as per The Companies Misc. Rule, 2014 is 50 persons</p>	(1)																																	
Q7.	<p>Explain with an imaginary example how issue of debenture as collateral security is shown in the balance sheet of a company when it is recorded in the books of accounts.</p> <p>Sol. Alfa Ltd. obtained Loan of ₹1, 00,000 from Indian Bank and issued 1200, 10% Debentures of ₹100 each as Collateral security. (or any other example)</p> <p>Treatment: An extract of Balance sheet of Alfa Ltd.</p> <p style="text-align: center;">as at -----</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Particulars</th> <th style="width: 20%;">Note No.</th> <th style="width: 20%; text-align: right;">₹</th> </tr> </thead> <tbody> <tr> <td colspan="3"><u>EQUITY AND LIABILITIES</u></td> </tr> <tr> <td colspan="3">Non- current liabilities</td> </tr> <tr> <td>Long Term Borrowings</td> <td style="text-align: center;">1</td> <td style="text-align: right;">1,00,000</td> </tr> </tbody> </table> <p><u>Notes to Accounts:</u></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Note No</th> <th style="width: 70%;">Particulars</th> <th style="width: 20%; text-align: right;">₹</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Long Term Borrowings</td> <td></td> </tr> <tr> <td></td> <td>Loan from Indian Bank</td> <td style="text-align: right;">1,00,000</td> </tr> <tr> <td></td> <td>1200, 10% Debentures of ₹100 each issued as Collateral Security</td> <td style="text-align: right;">1,20,000</td> </tr> <tr> <td></td> <td>Less: debenture Suspense</td> <td style="text-align: right;"><u>(1,20,000)</u></td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">-----</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">1,00,000</td> </tr> </tbody> </table>	Particulars	Note No.	₹	<u>EQUITY AND LIABILITIES</u>			Non- current liabilities			Long Term Borrowings	1	1,00,000	Note No	Particulars	₹	1	Long Term Borrowings			Loan from Indian Bank	1,00,000		1200, 10% Debentures of ₹100 each issued as Collateral Security	1,20,000		Less: debenture Suspense	<u>(1,20,000)</u>			-----			1,00,000	(3)
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Q8.	<p>Rekha, Sunita and Teena are partners in a firm sharing profits in the ratio of 3:2:1. Samiksha joins the firm. Rekha surrenders 1/4th of her share; Sunita surrenders 1/3rd of her share and Teena 1/5th of her share in favour of Samiksha. Find the new Profit sharing ratio.</p> <p>Sol.</p> <p>Rekha surrenders for Samiksha = $\frac{1}{4} * \frac{3}{6} = \frac{3}{24}$</p> <p>Sunita surrenders for Samiksha = $\frac{1}{3} * \frac{2}{6} = \frac{2}{18}$</p> <p>Teena surrenders for Samiksha = $\frac{1}{5} * \frac{1}{6} = \frac{1}{30}$</p> <p>New share of Rekha = $\frac{3}{6} - \frac{3}{24} = \frac{9}{24}$</p> <p>New share of Sunita = $\frac{2}{6} - \frac{2}{18} = \frac{4}{18}$</p> <p>New share of Teena = $\frac{1}{6} - \frac{1}{30} = \frac{4}{30}$</p> <p>Share of Samiksha = $\frac{3}{24} + \frac{2}{18} + \frac{1}{30} = \frac{97}{360}$</p> <p>New Ratio :- $\frac{9}{24} : \frac{4}{18} : \frac{4}{30} : \frac{97}{360}$</p> <p style="text-align: center;">135 : 80 : 48 : 97</p>	(3)																																	

Q9. King Ltd took over Assets of ₹25,00,000 and liabilities of ₹6,00,000 of Queen Ltd. King Ltd paid the purchase consideration by issuing 10,000 equity shares of ₹100 each at a premium of 10% and ₹11,00,000 by Bank Draft. (3)

Calculate Purchase consideration and pass necessary Journal entries in the books of King Ltd.

Sol.

Calculation of Purchase Consideration:

Nominal Value of Shares issued = 10000 x 100 =	10,00,000
Securities Premium Reserve =	1,00,000
Bank draft =	<u>11,00,000</u>
Purchase consideration =	<u>22,00,000</u>

KING LTD.
JOURNAL

Date	Particulars	L.F	Debit ₹	Credit ₹
i.	Sundry Assets A/c ----- Dr Goodwill A/c (b/f) ----- Dr To Sundry Liabilities A/c To Queen Ltd. (Being the purchase of assets and liabilities of Queen Ltd.)		25,00,000 3,00,000	6,00,000 22,00,000
ii.	Queen Ltd. ----- Dr To Equity Share capital A/c To Securities Premium Reserve A/c To Bank A/c (Being 10,000 Equity Shares issued of ₹100 each issued at a premium of 10% and ₹ 11,00,000 paid by Bank draft)		22,00,000	10,00,000 1,00,000 11,00,000

Q10. ABC Ltd was a cloth manufacturing company located in Delhi. Being a socially aware organisation they wanted to set up a manufacturing plant in a backward area of Kashmir to provide employment to the local people. On July 17, 2014 a flood had hit the entire state of Jammu & Kashmir causing massive destruction and loss. The company wanted to help the people, so they decided to raise the funds through issuing 50,000 Equity shares of ₹50 each to set up the plant in the rural area of Kashmir. (3)

Sol.

Pass necessary Journal entries for the issue of shares and identify any two values that the company wanted to communicate to the society.

ABC LTD.
JOURNAL

Date	Particulars	L.F	Debit ₹	Credit ₹
(i)	Bank A/c ----- Dr. To Equity Share Application & Allotment A/c (Being the amount of application money received on 50,000 shares @ ₹50 per share.)		25,00,000	25,00,000

(ii)	Equity Share Application & Allotment A/c ----- Dr. To Equity Share Capital A/c (Being the amount transferred to Share Capital A/c)	25,00,000	25,00,000
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Values which the Company wants to communicate to the Society:

- (i) Discharge of Social Responsibility.
- (ii) Generation of employment opportunities.
- (iii) Helping the needy people
- (iv) Sympathy for poor.

Q11. A, B, C and D were partners sharing profits in the ratio of 1:2:3:4. D retired and his share was acquired by A and B equally. Goodwill was valued at 3 year's purchase of average profits of last 4 years, which were ₹ 40,000. General Reserve showed a balance of ₹1,30,000 and D's Capital in the Balance Sheet was ₹3,00,000 at the time of D's retirement. You are required to record necessary Journal entries in the books of the firm and prepare D's capital account on his retirement. (4)

Sol. JOURNAL

S.No.	PARTICULARS	L.F	DEBIT ₹	CREDIT ₹
(i)	A's Capital A/c _____ Dr. B's Capital A/c _____ Dr. To D's Capital A/c (Treatment of goodwill on retirement of D)		24,000 24,000	48,000
(ii)	General Reserve _____ Dr. To A's Capital A/c To B's Capital A/c To C's Capital A/c To D's Capital A/c (General Reserve distributed)		1,30,000	13,000 26,000 39,000 52,000

Dr.		D's Capital Account		Cr.	
PARTICULARS	AMOUNT ₹	PARTICULARS	AMOUNT ₹		
To D's Loan A/C	4,00,000	By Balance b/d	3,00,000		
		By A's Capital A/c	24,000		
		By B's Capital A/c	24,000		
		By General Reserve	52,000		
	4,00,000		4,00,000		

Q12. Kavita, Meenakshi and Gauri are partners doing a paper business in Ludhiana. After the accounts of partnership have been drawn up and closed, it was discovered that for the years ending 31st March 2013 and 2014, Interest on capital has been allowed to partners @ 6% p. a. although there is no provision for interest on capital in the partnership deed. Their fixed capitals were ₹ 2,00,000; ₹1,60,000 and ₹1,20,000 respectively. During the last two years they had shared the profits as under:

Year	Ratio
31 March 2013	3 : 2 : 1
31 March 2014	5 : 3 : 2

You are required to give necessary adjusting entry on April 1, 2014.

Sol. **Table Showing Adjustment**

		Kavita ₹	Meenakshi ₹	Gauri ₹	Total ₹
Interest on Capital (2012-13)	Dr.	12,000	9,600	7,200	28,800
Interest on Capital (2013-14)	Dr.	12,000	9,600	7,200	28,800
Total Dr.		24,000	19,200	14,400	57,600
Profit to be credited (2012-13)	Cr.	14,400	9,600	4,800	28,800
Profit to be credited (2013-14)	Cr.	14,400	8,640	5,760	28,800
Total Cr.		28,800	18,240	10,560	57,600
Adjustment		4,800 Cr.	960 Dr.	3,840 Dr.	

JOURNAL ENTRY:

DATE	PARTICULARS	L.F	DEBIT ₹	CREDIT ₹
2014 Apr 1	Meenakshi's Current A/c _____ Dr. Gauri's Current A/c _____ Dr. To Kavita's Current A/c (Adjustment for interest on capital for the year 2012-13 and 2013-14)		960 3,840	4,800

Q13. On 31st March 2015 the Balance Sheet of Punit, Rahul and Seema was as follows
Balance Sheet of Punit, Rahul and Seema
As at March 31, 2015

Liabilities	₹	Assets	₹
Capitals:		Buildings	40,000
Punit	60,000	Machinery	60,000
Rahul	50,000	Patents	12,000
Seema	<u>30,000</u>	Stock	20,000
	1,40,000	Cash	42,000
Reserves	20,000		
Creditors	14,000		
	1,74,000		1,74,000

They were sharing Profit and loss in the ratio 5:3:2.

Seema died on October 1, 2015. It was agreed between her executors and the remaining partners that:

- Goodwill be valued at 2 years' purchase of the average profits of the previous five years, which were: 2010-11: ₹30,000; 2011-12: ₹26,000; 2012-13: ₹24,000; 2013-14: ₹30,000 and 2014-15: ₹40,000.
- Patents be valued at ₹16,000; Machinery at ₹56,000; Buildings at ₹60,000.
- Profit for the year 2015-16 be taken as having been accrued at the same rate as that in the previous year.
- Interest on capital be provided at 10% p. a.
- A sum of ₹15,500 was paid to her executors immediately.

Prepare Revaluation Account, Seema's Capital Account and Seema's executors Account.

(6)

Sol.

Dr.				Revaluation Account		Cr.	
Particulars	LF	₹	Particulars	LF	₹		
To Machinery		4,000	By Patents		4,000		
To Profit Distributed:			By Buildings		20,000		
Punit	10,000						
Rahul	6,000						
Seema	4,000						
		20,000					
		24,000				24,000	

Dr.				Seema's Capital Account				Cr.			
Date	Particulars	LF	₹	Date	Particulars	LF	₹	Date	Particulars	LF	₹
2015				2015				2015			
Oct 1	To Seema's Executor's A/c		55,500	Apr 1	By Balance b/d		30,000	Oct 1	By Reserves		4,000
				Oct 1	By Punit's Capital		7,500	Oct 1	By Rahul's Capital		4,500
				Oct 1	By Revaluation A/c		4,000	Oct 1	By P & L Suspense		4,000
				Oct 1	By Int. on Capital		1,500				
			55,500				55,500				

Dr.				Seema's Executor's Account				Cr.			
Date	Particulars	LF	₹	Date	Particulars	LF	₹	Date	Particulars	LF	₹
2015				2015				2015			
Oct 1	To Bank A/c		15,500	Oct 1	By Seema's Capital A/c		55,500				
Oct 1	To Seema's Executor's Loan A/c		40,000								
			55,500				55,500				

Working Note:Average Profit = $(30,000 + 26,000 + 24,000 + 30,000 + 40,000) / 5 = ₹ 30,000$ Goodwill = $30,000 \times 2 = ₹ 60,000$ Seema's share of Profit for 6 months = $40,000 \times 6/12 \times 2/10 = ₹ 4,000$ Interest on Seema's Capital = $30,000 \times 10/100 \times 6/12 = ₹ 1,500$

- Q14. Ruchi Ltd issued 42,000, 7% Debentures of ₹100 each on 1st April, 2011, redeemable at a premium of 8% on 31st March 2015. The Company decided to create required Debenture Redemption Reserve on 31st March 2014. The company invested the funds as required by law in a fixed deposit with State Bank of India on 1st April, 2014 earning interest @10% per annum. Tax was deducted at source by the bank on interest @10% per annum. Pass necessary Journal Entries regarding issue and redemption of debentures. (6)

Sol.

RUCHI LTD.
JOURNAL

ISSUE OF DEBENTURES

Date	Particulars	L.F	Debit ₹	Credit ₹
2011 April 1	Bank A/c ----- Dr. To Debenture Application & Allotment A/c (Being the Application and allotment money received on issue of Debentures)		42,00,000	42,00,000
April 1	Debenture Application & Allotment A/c -----Dr. Loss on Issue of Debenture A/c -----Dr. To 7% debenture A/c To Premium on Redemption of Debenture A/c (Being allotment of Debentures redeemable at 8% premium)		42,00,000 3,36,000	42,00,000 3,36,000

REDEMPTION OF DEBENTURES:

Date	Particulars	L.F	Debit ₹	Credit ₹
2014 March 31	Surplus i.e. balance in Statement of Profit & Loss Dr. To Debenture redemption Reserve A/c (Being the profits transferred to Debenture Redemption Reserve)		10,50,000	10,50,000
2014 April 1	Debenture Redemption Investment A/c ----- Dr. To Bank A/c (Being the Investment made as fixed deposit as per Companies Act, 2013 earning Interest @10%)		6,30,000	6,30,000
2015 March 31	Bank A/c ----- Dr. TDS collected A/c ----- Dr. To Debenture Redemption Investment A/c To Interest Earned A/c (Being the fixed deposit encashed on Redemption and interest received @10%p.a.)		6,86,700 6,300	6,30,000 63,000
2015 March 31	7% Debenture A/c ----- Dr Premium on Redemption of Debenture A/c----- Dr To Debentureholder's A/c (Being amount due to Debenture holders)		42,00,000 3,36,000	45,36,000
March 31	Debentureholder's A/c ----- Dr. To Bank A/c (Being the amount due paid on redemption)		45,36,000	45,36,000

March 31	Debenture Redemption Reserve A/c ----- Dr. To General Reserve A/c (Being Debenture Redemption Reserve transferred to General Reserve)		10,50,000	10,50,000
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Q15. Hema and Garima were partners in a firm sharing profits in the ratio of 3:2 . On March 31, 2015, their Balance Sheet was as follows: (6)

Balance Sheet of Hema and Garima
as at March 31, 2015

Liabilities	₹	Assets	₹
Creditors	36,000	Bank	40,000
Garima's Husband's Loan	60,000	Debtors	76,000
Hema's Loan	40,000	Stock	2,00,000
Capitals:		Furniture	20,000
Hema 2,00,000		Leasehold Premises	1,00,000
Garima <u>1,00,000</u>	3,00,000		
	4,36,000		4,36,000

On the above date the firm was dissolved. The various assets were realized and liabilities were settled as under:

- (i) Garima agreed to pay her husband's loan.
- (ii) Leasehold Premises realized ₹1,50,000 and Debtors ₹2,000 less.
- (iii) Half the creditors agreed to accept furniture of the firm as full settlement of their claim and remaining half agreed to accept 5% less.
- (iv) 50% Stock was taken over by Hema on cash payment of ₹ 90,000 and remaining stock was sold for ₹94,000.
- (v) Realisation expenses of ₹10,000 were paid by Garima on behalf of firm.
- (vi) Pass necessary journal entries for the dissolution of the firm.

Sol:

Journal

Date	Particulars	Dr. (₹)	Cr. (₹)
1	Realisation A/c To Debtors A/c To Stock A/c To Furniture A/c To Leasehold Premises A/c (Being Assets transferred to Realisation A/c)	Dr. 3,96,000	76,000 2,00,000 20,000 1,00,000
2	Creditors A/c Garima's Husband's loan A/c Dr. To Realisation A/c (Being third party liabilities transferred to Realisation A/c)	Dr. 36,000 60,000	96,000
3	Bank A/c To Realisation A/c (Being Assets realised)	Dr. 4,08,000	4,08,000
4	Realisation A/c To Bank A/c (Being creditors paid)	Dr. 17,100	17,100

5	Realisation A/c To Garima's Capital A/c (Being realization expenses and Garima's husband loan paid off by Garima)	Dr.	70,000	70,000
6	Realisation A/c To Hema's Capital A/c To Garima's Capital A/c (Being profit on realization distributed among partners)	Dr.	20,900	12,540 8,360
7	Hema's Loan A/c To Bank A/c (Being Hema's loan paid)	Dr.	40,000	40,000
8	Hema's Capital A/c Garima's Capital A/c To Bank A/c (Being amount paid to partners at final settlement of accounts)	Dr. Dr.	2,12,540 1,78,360	3,90,900

Q16. P and Q were partners in a firm sharing profits in 3; 2 ratio. R was admitted as a new partner for 1/4th share in the profits on April 1, 2015. The Balance Sheet of the firm on March 31, 2015 was as follows:

Balance Sheet of P and Q
As at March 31, 2015

Liabilities	₹	Assets	₹
Creditors	20,000	Cash	20,000
General Reserve	16,000	Debtors	18,000
Capitals:		Stock	20,000
P	96,000	Furniture	12,000
Q	<u>68,000</u>	Machinery	40,000
	1,64,000	Buildings	90,000
	2,00,000		2,00,000

The terms of agreement on R's admission were as follows:

- R brought in cash ₹60,000 for his capital and ₹30,000 for his share of goodwill.
- Building was valued at ₹ 1,00,000 and Machinery at ₹ 36,000.
- The capital accounts of P and Q were to be adjusted in the new profit-sharing ratio. Necessary cash was to be brought in or paid off to them as the case may be.

Prepare Revaluation Account, Partner's Capital Account and the Balance Sheet of P, Q and R.

OR

Khushboo, Leela and Meena were partners in a firm sharing profits in the ratio of 5:3:2. Their Balance Sheet on March 31, 2015 was as follows:

Sol.

Balance Sheet of Khushboo, Leela and Meena
As at March 31, 2015

Liabilities	₹	Assets	₹
Creditors	70,000	Bank	44,000
Capitals:		Debtors	24,000
Khushboo 90,000		Stock	60,000
Leela 56,000		Buildings	1,40,000
Meena 60,000	2,06,000	Profit & Loss A/c	8,000
	2,76,000		2,76,000

On April 1, 2015 Leela retired on the following terms:

- i. Building was to be depreciated by ₹10,000.
- ii. A Provision of 5% was to be made on Debtors for doubtful debts.
- iii. Salary outstanding was ₹ 4,800.
- iv. Goodwill of the firm was valued at ₹1,40,000.
- v. Leela was to be paid ₹20,800 through cheque and the balance was to be paid in two equal quarterly installments (starting from June 30, 2015) along with interest @ 10% p.a.

Prepare Revaluation Account, Leela's Capital Account and her Loan Account till it is finally paid.

Revaluation Account					
<i>Dr.</i>			<i>Cr.</i>		
Particulars	LF	₹	Particulars	LF	₹
To Machinery		4,000	By Buildings		10,000
To Profit Distributed:					
P 3,600					
Q 2,400		6,000			
		10,000			10,000

Partners' Capital Account							
<i>Dr.</i>				<i>Cr.</i>			
Particulars	P	Q	R	Particulars	P	Q	R
	₹	₹	₹		₹	₹	₹
To Cash A/c	19,200	16,800		By Balance b/d	96,000	68,000	
To Balance	1,08,000	72,000	60,000	By General			
C/d				Reserve	9,600	6,400	
				By Cash A/c			60,000
				By Premium A/c	18,000	12,000	
				By Revaluation	3,600	2,400	
				A/c			
	1,27,200	88,800	60,000		1,27,200	88,800	60,000

Balance Sheet of P, Q and R
As at April 1, 2015

Liabilities	₹	Assets	₹
Creditors	20,000	Building	1,00,000
Capital:		Machinery	36,000
P	1,08,000	Cash	
Q	72,000	(20,000+60,000+30,000-	
R	60,000	19,200-16,800)	74,000
	2,40,000	Debtors	18,000
		Stock	20,000
		Furniture	12,000
	2,60,000		2,60,000

OR

Revaluation Account					
Dr. Particulars	LF	₹	Cr. Particulars	LF	₹
To Buildings		10,000	By Loss Distributed		
To Prov. for Doubtful Debts		1,200	Khushboo	8,000	
To Salary Outstanding		4,800	Leela	4,800	
			Meena	3,200	16,000
		16,000			16,000

Leela's Capital Account					
Dr. Particulars	LF	₹	Cr. Particulars	LF	₹
To Profit & Loss A/c		2,400	By Balance b/d		56,000
To Revaluation A/c		4,800	By Khushboo's Capital		30,000
To Bank A/c		20,800	By Meena's Capital		12,000
To Leela's Loan A/c		70,000			
		98,000			98,000

Leela's Loan Account							
Dr. Date	Particulars	LF	₹	Cr. Date	Particulars	LF	₹
2015				2015			
Jun 30	To Bank A/c		36,750	Apr 1	By Leela's Capital		70,000
Sep 30	To Bank A/c		35,875	Jun 30	By Interest		1,750
				Sep 30	By Interest		875
			72,625				72,625

Q17. Surya Ltd with a Registered capital of 10,00,000 Equity Shares of ₹10 each, issued 1,00,000 Equity Shares payable ₹3 on Application, ₹2 on Allotment, ₹3 on First Call and ₹2 on Second and Final Call. The amount due on Allotment was duly received except Mr. X holding 6,000 shares. His shares were immediately forfeited. On the first call being made, Mr. Y holding 5,000 Equity shares paid the entire balance on his holding. Second call was not made.
Pass the necessary Journal Entries to record the transactions and Show how the Share Capital will be presented in the Balance Sheet of the Company. Also prepare notes to accounts.

OR

a) Nidhi Ltd. issued 2,000 Shares of ₹100 each. All the money was received except on 200 shares on which only ₹90 per share were received. These shares were forfeited and out of the forfeited shares 100 shares were reissued at ₹80 each as fully paid up. Pass necessary Journal entries for the above transactions and prepare the Forfeited Share Account.

b) Complete the following Journal Entries:

S.No.	Particulars	L.F	Debit ₹	Credit ₹
i.	----- Dr To----- To----- (Being the forfeiture of 1000 shares of ₹10 each, ₹8 called up, on which allotment money of ₹2 and First Call of ₹3 has not been received.)		-----	-----
ii.	----- Dr To----- To----- (Being reissue of 1000 forfeited shares fully paid up at ₹11 per share)		-----	-----
iii.	----- Dr To----- (Being gain on the reissue of shares transferred to capital reserve Account)		-----	-----

Sol.

In the books of Surya Ltd.:

Journal

S.No	Particulars	L.F	Debit ₹	Credit ₹
I	Bank A/c Dr. To Equity Share Application A/c (Being the application money received on 1,00,000 shares @ ₹3 per share received)		3,00,000	3,00,000
ii	Equity Share Application A/c Dr. To Equity Share Capital A/c (Being the application money transferred to Share Capital A/c)		3,00,000	3,00,000
iii	Equity Share Allotment A/c Dr. To Equity Share Capital A/c (Being Allotment made due on 1,00,000 Equity Shares @ ₹2 per share)		2,00,000	2,00,000

Iv	Bank A/c Calls in Arrears A/c To Equity Share Allotment A/c (Being the Allotment money received except for 6,000 shares)	Dr. Dr.	1,88,000 12,000	2,00,000
V	Equity Share Capital A/c To Share Forfeited A/c To Calls in Arrears A/c (Being 6,000 shares forfeited for non-payment of allotment money)	Dr.	30,000	18,000 12,000
V	Equity Share First Call A/c To Equity Share Capital A/c (Being First Call made due on 94,000 Equity Shares @ ₹3 per share)	Dr.	2,82,000	2,82,000
Vi	Bank A/c To Equity Share First Call A/c To Calls in Advance A/c (Being the First Call money received on 94,000 Equity Shares @ ₹3 per share and Rs.2 per share on 5,000 shares received in Advance)	Dr.	2,92,000	2,82,000 10,000

Balance Sheet of Surya Ltd.
as at -----

Particulars	Note No	₹
<u>I EQUITY AND LIABILITIES</u>		
1. Shareholder's Funds		
Share Capital	1	<u>7,70,000</u>

Notes to Accounts:

Note No		₹
<u>1</u>	<u>Share Capital</u>	
	Authorised Share Capital 10,00,000 Equity Shares of ₹10 each.	<u>1,00,000,000</u>
	Issued Share Capital 1,00,000 Equity Shares of ₹10 each	<u>10,00,000</u>
	Subscribed Share capital	
	Subscribed but not fully paid-up	
	94,000 equity shares of ₹10 each, ₹8 Called up	7,52,000
	Add Share Forfeited Account	<u>18,000</u>
		<u>7,70,000</u>

OR

a)

JOURNAL

S.No	Particulars	L.F	Debit ₹	Credit ₹
i	Share Capital A/c Dr. To Forfeited Share A/c To Calls in Arrears A/c (Being 200 shares forfeited for non-payment of call money of Rs.10 per share)		20,000	18,000 2,000
ii	Bank A/c Dr. Forfeited Share A/c Dr. To Share Capital A/c (Being 100 shares re-issued for Rs.80 per share as fully paid up)		8,000 2,000	10,000
iii	Forfeited Share A/c Dr. To Capital Reserve (Being Allotment made due on 1,00,000 Equity Shares @ ₹2 per share)		7,000	7,000

Forfeited Share A/c

Particulars	₹	Particulars	₹
To Share Capital A/c (100x20)	2,000	By Share Capital A/c (200x90)	18,000
To Capital Reserve (100x70)	7,000		
To Balance c/d	9,000		
	18,000		18,000

b)

JOURNAL

S.No.	Particulars	L.F	Debit ₹	Credit ₹
I	Share Capital A/c -----Dr To Forfeited Share A/c To Share Allotment A/c To Share First Call A/c (Being the forfeiture of 1000 shares, ₹8 called up, on which allotment money of ₹2 and First Call of ₹3 has not been received.)		8,000	3,000 2,000 3,000
II	Bank A/c -----Dr To Share Capital A/c To Securities Premium A/c (Being reissue of 1000 forfeited shares fully paid up at ₹11 per share)		11,000	10,000 1,000
III	Share Forfeiture A/c -----Dr To Capital Reserve A/c (Being gain on the reissue of shares transferred to capital reserve Account)		3,000	3,000

ANALYSIS OF FINANCIAL STATEMENTS PART – B

Q18.	<p>The Goodwill of X ltd. increased from ₹2, 00,000 in 2013-14 to ₹3, 50,000 in 2014-15. What will be its treatment while preparing Cash Flow Statement for the year ended 31st March 2015?</p> <p>Sol. It will be taken as purchase of Goodwill of ₹ 1,50,000 and will be shown under Cash from Investing Activities as an outflow of cash.</p>	(1)																						
Q19.	<p>Kartik Mutuals, a mutual fund company, provides you the following information:</p> <table style="margin-left: auto; margin-right: auto; border: none;"> <thead> <tr> <th style="text-align: left;"></th> <th style="text-align: center;">31st March 2013</th> <th style="text-align: center;">31st March 2014</th> </tr> </thead> <tbody> <tr> <td>Proposed Dividend</td> <td style="text-align: center;">₹20,000</td> <td style="text-align: center;">₹15,000</td> </tr> </tbody> </table> <p>Additional Information: Equity Share Capital raised during the year ₹3,00,000 10% bank loan repaid was ₹1,00,000 Dividend received during the year was ₹20,000 Find out the cash flow from financing activities.</p> <p>Sol.</p> <table style="margin-left: auto; margin-right: auto; border: none;"> <tbody> <tr> <td style="padding-right: 20px;">Proceeds from Equity share capital :</td> <td style="text-align: right;">₹ 3,00,000</td> </tr> <tr> <td>Repayment of Bank Loan:</td> <td style="text-align: right;">₹ (1,00,000)</td> </tr> <tr> <td></td> <td style="text-align: right;">-----</td> </tr> <tr> <td></td> <td style="text-align: right;">₹ 2,00,000</td> </tr> <tr> <td>Dividend Paid:</td> <td style="text-align: right;">₹ (20,000)</td> </tr> <tr> <td></td> <td style="text-align: right;">-----</td> </tr> <tr> <td></td> <td style="text-align: right;">₹1,80,000</td> </tr> <tr> <td></td> <td style="text-align: right;">-----</td> </tr> </tbody> </table>		31 st March 2013	31 st March 2014	Proposed Dividend	₹20,000	₹15,000	Proceeds from Equity share capital :	₹ 3,00,000	Repayment of Bank Loan:	₹ (1,00,000)		-----		₹ 2,00,000	Dividend Paid:	₹ (20,000)		-----		₹1,80,000		-----	(1)
	31 st March 2013	31 st March 2014																						
Proposed Dividend	₹20,000	₹15,000																						
Proceeds from Equity share capital :	₹ 3,00,000																							
Repayment of Bank Loan:	₹ (1,00,000)																							

	₹ 2,00,000																							
Dividend Paid:	₹ (20,000)																							

	₹1,80,000																							

Q20.	<p>Mudra Ltd. is in the process of preparing its Balance Sheet as per Schedule III, Part I of the Companies Act, 2013 and provides its true and fair view of the financial position.</p> <ol style="list-style-type: none"> Under which head and sub-head will the company show 'Stores and Spares' in its Balance Sheet? What is the accounting treatment of 'Stores and Spares' when the Company will calculate its Inventory Turnover Ratio? The management of Mudra Ltd. want to analyse its Financial Statements. State any two objectives of such analysis. Identify the value being followed by Mudra Ltd. <p>Sol.</p> <ol style="list-style-type: none"> Head: Current Assets Sub head ; Inventories While calculating Inventory Turnover Ratio it is not included in Inventories Objectives - Assessing the ability of the enterprise to meet its short term and long term commitments, Assessing the earning capacity of the enterprise Values: Transparency, Honesty, Abiding by law 	(4)																						
Q21.	<ol style="list-style-type: none"> X Ltd. has a current ratio of 3.5:1 and quick ratio of 2:1. If excess of current assets over quick assets represented by Inventory is ₹24,000, calculate current assets and current liabilities. From the following information, calculate Inventory Turnover Ratio. Revenue from Operations: ₹4,00,000, Average Inventory : ₹55,000, The rate of Gross Loss on Revenue from Operations was 10%. 	(4)																						

Sol.

a) Current Ratio = 3.5:1

Quick Ratio = 2:1

Let Current Liabilities = x

Current Assets = 3.5x And

Quick Assets = 2x

Inventory = Current Assets – Quick Assets

24,000 = 3.5x – 2x

24,000 = 1.5x

x = Rs.16,000

Current Assets = 3.5x = 3.5 × ₹16,000 = ₹ 56,000.

Verification : Current Ratio = Current Assets : Current Liabilities

= ₹ 56,000 : ₹16,000

= 3.5 : 1

Quick Ratio = Quick Assets : Current Liabilities

= ₹ 32,000 : ₹ 16,000

= 2:1

b) Revenue from Operations = ₹4,00,000

Gross Loss = 10% of ₹ 4,00,000 = ₹40,000

Cost of Revenue from Operations = Revenue from Operations + Gross Loss

= ₹ 4,00,000 + ₹ 40,000

= ₹4,40,000

Inventory Turnover Ratio = Cost of Goods Sold/ Average Inventory

= ₹ 4, 40,000 / ₹ 55,000

= 8 times.

Q22. From the following Statement of profit and loss of the Sakhi Ltd for the years ended 31st March 2015, prepare Comparative Statement of Profit & Loss.

(4)

STATEMENT OF PROFIT & LOSS
for the years ended 31st March, 2015

Particulars	2013-14 ₹	2014-15 ₹
Revenue from operations	25,00,000	40,00,000
Expenses:		
(a) Employee benefit expenses were 5% of Revenue from operations		
(b) Other expenses	5,90,000	6,80,000
Rate of Tax 35%		

Sol.

STATEMENT OF PROFIT & LOSS
for the years ended 31st March 2015 & 2016

Particulars	2013-14 ₹	2014-15 ₹	Absolute Change (in ₹)	%age Change
Revenue from operations	25,00,000	40,00,000	15,00,000	60
Expenses:				
(a) Employee benefit expenses	1,25,000	2,00,000	75,000	60
(b) Other expenses	5,90,000	6,80,000	90,000	15.25
Total expenses	7,15,000	8,80,000	1,65,000	23.07
Profit before tax	17,85,000	31,20,000	13,35,000	74.78
Less: Taxes @ 35%	6,24,750	10,92,000	4,67,250	74.78
Profit after tax	11,60,250	20,28,000	8,67,750	74.78

Q23. Following is the Balance Sheets of Akash Ltd. as at 31-3-2014:

(6)

Akash Ltd.
Balance Sheet
as at 31-3-2014

	PARTICULARS	NOTE No.	2013-14 ₹	2012-13 ₹
I	EQUITY & LIABILITIES			
	(1) Shareholders' Funds		15,00,000	14,00,000
	(a) Share Capital	1	2,50,000	1,10,000
	(b) Reserves & Surplus			
	(2) Non - Current Liabilities		2,00,000	1,25,000
	(a) Long Term Borrowings			
	(3) Current Liabilities	2	12,000	10,000
	(a) Short term borrowings		15,000	83,000
	(b) Trade Payables	3	18,000	11,000
	(c) Short term provisions			
	TOTAL		19,95,000	17,39,000
II	(1) Non - Current Assets			
	(a) Fixed Assets			
	(i) Tangible assets	4	18,60,000	16,10,000
	(ii) Intangible assets	5	50,000	30,000
	(2) Current Assets			
	(a) Current Investments			
	(b) Inventories		8,000	5,000
	(c) Trade Receivables		37,000	59,000
	(d) Cash & Cash Equivalent		26,000	23,000
			14,000	12,000
	TOTAL		19,95,000	17,39,000

Notes to Accounts:-

Note No	PARTICULARS	2013-14 ₹	2012-13 ₹
<u>1</u>	<u>Reserves and Surplus:-</u> Surplus (balance in Statement of Profit and Loss)	2,50,000	1,10,000
<u>2</u>	<u>Short Term Borrowings</u> Bank Overdraft	12,000	10,000
<u>3</u>	<u>Short term provisions</u> Provision for Tax	18,000	11,000
<u>4</u>	<u>Tangible Assets</u> Machinery Accumulated Depreciation	20,00,000 (1,40,000)	17,00,000 (90,000)
<u>5</u>	<u>Intangible Assets</u> Patents	50,000	30,000

Additional Information:

- (i) Tax paid during the year amounted to ₹16,000.
(ii) Machine with a net book value of ₹10,000 (Accumulated Depreciation ₹40,000) was sold for ₹2,000.

Prepare Cash Flow Statement.

Cash Flow Statement
For the year ended 31st March,2014

Particulars		₹
<u>I – CASH FLOW FROM OPERATING ACTIVITIES</u>		
Surplus: Balance in the Statement of Profit & Loss (closing)		2,50,000
Less: Surplus: Balance in the Statement of Profit & Loss (beginning)		1,10,000
NET PROFIT		1,40,000
Add: Provision for Tax		23,000
Net Profit before Tax and Extraordinary Items		1,63,000
Add: Non-Cash and Non-operating Expenses:		
Depreciation	90,000	
Loss on Sale of Machine	8,000	98,000
		2,61,000
Add: Decrease in Current Assets & Increase in Current Liabilities	-	
Inventories	22,000	22,000
		2,83,000
Less: Increase in Current Assets & Decrease in Current Liabilities		
Trade Receivables	3,000	
Trade Payables	68,000	71,000
Cash generated from Operating Activities		2,12,000
Less: Income Tax Paid		(16,000)
Cash Flow From Operating Activities		1,96,000

II – CASH FLOW FROM INVESTING ACTIVITIES

Sale Of Machinery		2,000
Purchase of Machinery		(3,50,000)
Purchase of Patents		(20,000)
Cash Used in Investing Activities		(3,68,000)

III – CASH FLOW FROM FINANCING ACTIVITIES

Proceeds from Issue of Share Capital		1,00,000
Proceeds from Long term Borrowings		75,000
Increase in Bank Overdraft		2,000
Cash Flow From Financing Activities		1,77,000

IV – NET INCREASE IN CASH & CASH EQUIVALENTS

(I+II+III)

V – CASH & CASH EQUIVALENTS IN THE BEGINNING OF THE YEAR

Current Investments	5,000	
Cash & Cash Equivalents	12,000	17,000

VI – CASH & CASH EQUIVALENTS AT THE END OF THE YEAR

Current Investments	8,000	
Cash & Cash Equivalents	14,000	
		22,000

WORKING NOTES**Machinery Account**

PARTICULARS	₹	PARTICULARS	₹
To Balance b/d	17,00,000	By Bank A/c (Sale)	2,000
To Bank A/c (purchase)	3,50,000	By Loss on Sale of Machinery A/c	8,000
		By Depreciation A/c	40,000
		By Balance c/d	20,00,000
	<u>20,50,000</u>		<u>20,50,000</u>

Accumulated Depreciation Account

PARTICULARS	₹	PARTICULARS	₹
To Macinery A/c (sold Asset)	40,000	By Balance b/d	90,000
To Balnce c/d	1,40,000	By Statement of Profit & Loss	90,000
	<u>1,80,000</u>		<u>1,80,000</u>

Provision for Tax Account

PARTICULARS	₹	PARTICULARS	₹
To Bank A/c (Tax Paid)	16,000	By Balance b/d	11,000
To Balance c/d	18,000	By Statement of Profit & Loss	23,000
	<u>34,000</u>		<u>34,000</u>

OR

Part B: Computerized Accounting

18. While navigating in the workbook, which of the following commands is used to move to the beginning of the Current row:

- a. [ctrl] + [home]
- b. [page Up]
- c. [Home]
- d. [ctrl] + [Back space] (1)

Sol: (c)

19. Join line in the context of Access table means:

- a. Graphical representation of tables between tables
- b. Lines bonding the data within table
- c. Line connecting two fields of a table
- d. Line connecting two records of a table (1)

Sol: (b)

20. Enumerate the basic requirements of computerized accounting system for a business organization. (4)

Sol: The computerized accounting is one of the database-oriented applications wherein the transaction data is stored in well- organized database. The user operates on such database using the required interface and also takes the required reports by suitable transformations of stored data into information. Therefore, the fundamentals of computerized accounting include all the basic requirements of any database-oriented application in computers.

Accounting framework.....[2]

It is the application environment of the computerised accounting system. A healthy accounting framework in terms of accounting principles, coding and grouping structure is a pre-condition for any computerised accounting system.

Operating procedure[2]

A well-conceived and designed operating procedure blended with suitable operating environment of the enterprise is necessary to work with the computerised accounting system.

21. The generation of ledger accounts is not a necessary condition for making trial balance in a computerized accounting system. Explain. (4)

Sol: In computerized accounting system, every day business transactions are recorded with the help of computer software. Logical scheme is implied for codification of account and transaction. Every account and transaction is assigned a unique code. The grouping of accounts is done from the first stage. [Briefly explaining what is account groups and hierarchy of ledger].The hierarchy of ledger accounts is maintained and the data is transferred into Ledger accounts automatically by the computer. In order to produce ledger accounts the stored transaction data is processed to appear as classified so that same is presented in the form of report. The preparation of financial statements is independent of producing the trial balance.

22. Intentional manipulation of accounting records is much easier in computerized accounting than in manual accounting. How? (4)

Sol: Intentional manipulation of accounting records is much easier in computerized accounting due to following:

- i. Defective logical sequence at the programming stage
- ii. Prone to hacking

23. Computerisation of accounting data on one hand stores voluminous data in a systematic and organized manner where as on the other hand suffers from threats of vulnerability and manipulations. Discuss the security measures you would like to employ for securing the data from such threats. (6)

Sol: Every accounting software ensures data security, safety and confidentiality. Therefore every, software should provide for the following:

- Password Security: Password is a mechanism, which enables a user to access a system including data. The system facilitates defining the user rights according to organisation policy. Consequently, a person in an organization may be given access to a particular set of a data while he may be denied access to another set of data.
- Data Audit: This feature enables one to know as to who and what changes have been made in the original data thereby helping and fixing the responsibility of the person who has manipulated the data and also ensures data integrity. Basically, this feature is similar to Audit Trail.
- Data Vault: Software provides additional security through data encryption