Time Allowed: 3 hours General Instructions:

## SAMPLE QUESTION PAPER - 5 SUBJECT- ACCOUNTANCY (055) CLASS XII (2023-24)

**Maximum Marks: 80** 

- 1. This question paper contains 34 questions. All questions are compulsory.
- 2. This question paper is divided into two parts, Part A and B.
- 3. Part A is compulsory for all candidates.
- 4. Part B has two options i.e. (i) Analysis of Financial Statements and (ii) Computerised Accounting. Students must attempt only one of the given options.
- 5. Question 1 to 16 and 27 to 30 carries 1 mark each.
- 6. Questions 17 to 20, 31 and 32 carries 3 marks each.
- 7. Questions from 21,22 and 33 carries 4 marks each
- 8. Questions from 23 to 26 and 34 carries 6 marks each
- 9. There is no overall choice. However, an internal choice has been provided in 7 questions of **one mark**, 2 questions of **three marks**, 1 question of **four marks** and 2 questions of **six marks**.

## Part A:- Accounting for Partnership Firms and Companies

- X and Y are partners with capitals of ₹ 39,000 and ₹ 27,000. They admit Z as partner [1] with ½th share in profit of the firm. Z brings ₹ 24,000 as capital.
   Z's Share for premium for goodwill:
  - a) 8,000

b) 12,000

c) 6,000

- d) 7,000
- 2. **Assertion (A):** Partners are both **Agents and Principals.**

[1]

**Reason (R):** As an agent, a partner represents other partners and binds them through his acts. As a principal, he is bound by the act of other partners.

- a) Both A and R are true and R is the correct explanation of A.
- b) Both A and R are true but R is not the correct explanation of A.
- c) A is true but R is false.
- d) A is false but R is true.
- 3. Y Ltd. forfeited 400 shares of ₹ 10 each, ₹ 7 called up, for non-payment of the first call of ₹ 2 per share. Out of these, 300 shares were reissued for ₹ 6 per share as ₹ 7 paid up. What is the amount to be transferred to Capital Reserve Account?

	c) ₹ 1,200	d) ₹ 1,700	
		OR	1
	A Co.Ltd. issued ₹ 40,000; 12% Debentur Journal Entries	es at a discount of 10% redeemable at par. F	Pass (
	a) Bank A/c Dr. 40,000 To 12% Debentures A/c 36,000 To Discount on Issue of Debentures A/c 4,000	b) Bank A/c Dr. 36,000 Discount on Issue of Debentures A/c Dr. 4,000 To 12% Debentures A/c 40,000	\     
	c) 12% Debenture Application A/c Dr. 36,000 Discount on Issue of Debentures A/c Dr. 4,000 To 12% Debentures A/c 40,000	d) Bank A/c Dr. 36,000 To 12% Debenture Application A/c 36,000	       
4.	Isha and Naman were partners in a firm	sharing profits and losses in the ratio of 2 :	[1]
	3. With effect from 1 <sup>st</sup> April, 2022 they a Due to change in the profit sharing ratio,	agreed to share profits and losses equally. Isha's gain or sacrifice will be:	1
	a) Sacrifice $\frac{1}{10}$	b) Sacrifice $\frac{2}{5}$	Ì
	c) Gain $\frac{1}{10}$	d) Gain $\frac{2}{5}$	
		OR	l 1
	Which of the following is legally qualified	d to start a partnership business?	i
	a) A person disqualified by Law	b) Lunatic person	1
	c) Solvent person	d) Minor Partner	1
5.	April, 2021 the balances in their capital a		[1]         
	a) ₹ 6,000	b) Nil	1
	c) ₹ 15,000	d) ₹ 9,000	
	C <sub>1</sub> (15,000	a, (5,000	Page 2
			Page 2

	c) Convertible	d) Redeemable	
		OR	
	Interest on Debentures issued as Collate	eral Security is	
	a) None of these	b) paid	
	c) may or may not be paid	d) not paid	
7.	depend upon the Articles of Association	e shares for non-payment of calls amount of the company.  if it is allowed by the Articles of Association	[1]
	a) Both A and R are true and R is the correct explanation of A.	b) Both A and R are true but R is not the correct explanation of A.	
	c) A is true but R is false.	d) A is false but R is true.	
8.	Gaining Ratio is applicable in the calcula	tion of:	[1]
	<ul><li>a) For the distribution of Reserves and profits</li></ul>	b) For distribution of existing goodwill among partners	
	<ul><li>c) Retiring partner's share of goodwill only</li></ul>	d) For the Calculation of profit	[
		OR	
	-	ularly ₹ 2,000 every month for the six month drawings is charged @ 8% p.a. the interest	s (
	a) ₹ 240	b) ₹ 280	
	c) ₹ 200	d) ₹ 480	
<b>the</b> A, E 4,00	questions: B and C started a firm on 1st October, 2020 On in the beginning of every month for the	text. Read the text carefully and answer  O sharing profits equally. A drew regularly ₹ e six months ended 31st March, 2021. B onth for the six months ended 31st March,	[2]
	3,,		Page 3

b) Secured

a) Unsecured

9. W	/hat is the total amount of drawings of the	e partners?	
	a) ₹ 96,000	b) ₹ 1,44,000	
	c) ₹ 24,000	d) ₹ 72,000	
10. W	/hat is the interest on drawings of B?		
	a) ₹ 300	b) ₹ 250	
	c) ₹ 350	d) ₹ 200	
11.	In the absence of a partnership deed, pa	rtners, are not entitled to receive:	[1]
	a) Salaries	b) Commission	,
	c) Interest on Capital	d) All of these	
12.	•	·	[1]
	a) ₹ 3,500	b) ₹ 700	
	c) ₹ 1,400	d) ₹ 2,100	
13.	can be used to write off Capita	al losses.	[1]
	a) Capital Reserve	b) Discount on issue of Sweat Equity Shares	
	c) Reserve Capital	d) Issued Capital	
14.	If a fixed amount is withdrawn by a partr drawings on the total amount withdrawn	ner at the end of each quarter, <b>interest on</b> n will be calculated for:	[1]
	a) 6 months	b) 3 months	
	c) 9 months	d) $4\frac{1}{2}$ months	
15.	Girish and Balwant share profits in the rashare in profits. Vinod acquires 2/3 of his from Balwant. The new ratio will be:		[1]
			Page 4

c) 13 : 23 : 12 d) 23 : 13 : 12

OR

A and B are partners sharing profits in the ratio of 7 : 3. They decided to admit Rishi as a new partner and new profit sharing ratio is 4:3:3. Rishi Paid  $\stackrel{?}{\underset{?}{?}}$  12,000 as his share of goodwill. Amount of goodwill transfer to the capital account of B:

a) 4800

b) 3600

c) 1200

d) Nil

16. Total creditors of the firm (already transferred to Realisation Account) were ₹30,000. [1] Out of this, creditors waived their claim of ₹5,000 while the rest agreed to allow discount @ 10% of their respective claim. Journal Entry would be

a)	Realisation A/c	Dr.	25,000	
	To Bank A/c			25,000

b)	Bank A/c	Dr.	22,500	
	To Realisation			22,500
	A/c			

Mohan's Capital A/c	Dr.	22,500	
To Realisation A/c			22,500

d)	Bank A/c	Dr.	25,000	
	To Realisation A/c			25,000

- 17. The capital of the firm of Amit and Sonu is ₹ 10,00,000 and the market rate of interest is 15%. Annual salary to the partners is ₹ 60,000 each. The profit for the last three years were ₹ 2,80,000, ₹ 3,80,000 and ₹ 4,20,000. Goodwill of the firm is to be valued on the basis of two years purchase of last three years average super profits. Calculate the goodwill of the firm.
- 18. Arun and Barun were partners sharing profits in the ratio of 3 : 2. Their capitals were [3] ₹ 50,000 and ₹ 30,000 respectively. Partnership deed provided for interest on capital @ 6% p.a. to Arun and Barun and quarterly salary of ₹ 1,000 to Barun. Arun had given a loan of ₹ 1,00,000 on 1<sup>st</sup> October, 2021 to the firm without any agreement about interest. For the year 2021-22, the profits earned were ₹ 26,800.

  Prepare Profit and Loss Appropriation Account of the firm for the year ended 31<sup>st</sup>

Prepare Profit and Loss Appropriation Account of the firm for the year ended 31<sup>51</sup> March, 2022.

19. X Ltd. purchased assets of Y Ltd. as under:

Plant and Machinery	₹8,00,000
Land and Building	₹72,00,000

The purchase consideration was ₹80,00,000. ₹20,00,000 were paid through bank and the remaining by issue of 6% debentures of ₹100 each at a premium of 20%. Pass necessary journal entries in the books of X Ltd.

OR

State any three purposes other than 'issue of bonus shares' for which securities premium can be utilised.

20. Harshit and Himanshu are partners sharing profits equally. They admit Sunil into partnership for equal share. Goodwill was agreed to be valued at two years' purchase of average profit of last four years. Profits for the last four years were:

Year Ended	Normal Profit/(Loss) (₹)
31 <sup>st</sup> March, 2020	70,000;
31 <sup>st</sup> March, 2021	1,00,000;
31 <sup>st</sup> March, 2022	55,000 (Loss);
31 <sup>st</sup> March, 2023	1,45,000.

The books of account of the firm revealed as follows:

- i. Firm had abnormal gain of ₹ 10,000 during the year ended 31<sup>st</sup> March, 2020.
- ii. Firm incurred abnormal loss of ₹ 20,000 during the year ended 31<sup>st</sup> March, 2021.
- iii. Repairs to car amounting to ₹ 50,000 was wrongly debited to vehicles on 1<sup>st</sup> May,
   2022. Depreciation was charged on vehicles @ 10% on Straight Line Method.
   Calculate the value of Goodwill.
- 21. Eastern Company Limited issued 40,000 shares of ₹ 10 each to the public for the subscription out of its share capital, payable as ₹ 4 on application, ₹ 3 on the allotment, and the balance on 1st and final call. Applications were received for 40,000 shares. The company made the allotment to the applicants in full. All the amounts due on the allotment and first and final call were duly received. Give the journal entries in the books of the company.

[4]

[3]

[3]

court. After transfer of assets (other than cash) and external liabilities to Realization Account, the following transactions took place:

- a. An unrecorded liability of the firm of ₹ 45,000 was paid by Nisha.
- b. Creditors, to whom ₹ 67,000 were due to be paid, accepted furniture at ₹ 35,000 and the balance was paid to them in cash.
- c. Kishor had given a loan of ₹ 18,000 to the firm which was paid to him.
- d. Stock worth ₹85,000 was taken over by Rohan at ₹72,000.
- e. Expenses on dissolution amounted to ₹ 6,000 and were paid by Kishor.
- f. Loss on dissolution amounted to ₹ 40,000.

Pass the necessary journal entries for the above transactions in the books of the firm.

23. Instant Tools Ltd. invited applications for issuing 2,00,000 equity shares of ₹ 10 each [6] at a premium of ₹ 2 per share. The amount was payable as follows:

On Application	₹ 5 per share (including premium)
On Allotment	₹ 3 per share
On First and Final Call	Balance

Applications were received for 2,50,000 shares. Applications for 10,000 shares were rejected and pro rata allotment was made to the remaining applicants. Over payments received on application were adjusted towards sums due on allotment. All calls were made and duly received except allotment and first and final call from Neeraj who applied for 7,200 shares. His shares were forfeited. Half of the forfeited shares were reissued for ₹ 48,000 as fully paid.

Pass the necessary journal entries for the above transactions in the books of Instant Tools Ltd. Open calls-in-arrears account wherever required.

OR

Spencer Paints Ltd. was registered with an authorised capital of  $\stackrel{?}{\stackrel{?}{?}}$  50,00,000 divided in 5,00,000 equity shares of  $\stackrel{?}{\stackrel{?}{?}}$  10 each. Company issued 2,00,000 equity shares at a premium of  $\stackrel{?}{\stackrel{?}{?}}$  3 per share, payable as follows:  $\stackrel{?}{\stackrel{?}{?}}$  4 on Application;  $\stackrel{?}{\stackrel{?}{?}}$  5 on Allotment (including premium);  $\stackrel{?}{\stackrel{?}{?}}$  2 on First Call and  $\stackrel{?}{\stackrel{?}{?}}$  2 on Second and Final Call. All shares were subscribed and all the money was duly received. Share issue expenses amounted to  $\stackrel{?}{\stackrel{?}{?}}$  75,000 which were fully written off against Securities Premium. Prepare necessary Journal Entries and Bank Account.

24. The Balance Sheet of Sunder and Chand who share profits and losses in the ratio of **[6**] 3:2 as at 31st March, 2007 as follows:

Liabilities	(Rs)	Assets	(Rs)
Creditors	40,000	Bank	800
Profit and Loss A/c	5,000	Debtors	10,000
Sunder's Capital	50,000	Stock	57,200
Chand's Capital	75,000	Furniture	37,000
		Machinery	45,000
		Goodwill	20,000
	1,70,000		1,70,000

On 1.4.2007 Vishwash was admitted into partnership on the following terms:

- a. The new profit sharing ratio shall be 1:2:2.
- b. Vishwash is to bring his capital of Rs 50,000 and to pay Rs 20,000 as his share of goodwill in the firm.
- c. Existing goodwill is to be written off.
- d. The other assets be revalued as under:

  Machinery Rs 50,200; Furniture Rs 30,000; Stock Rs 62,000; Debtors Rs 12,000.

Prepare Revaluation Account, Partners' Capital Accounts, Bank Account and Balance Sheet of the new firm as at 1.4.2007.

OR

Lokesh, Mansoor and Nihal were partners in a firm sharing profits as 50%, 30% and 20% respectively. On 31st March, 2014, their balance sheet was as follows:

Liabilities	Amount (Rs)	Assets	Amount (Rs)
Creditors	34,000	Cash	68,000
Provident Fund	10,000	Stock	38,000
Investment Fluctuation Fund	20,000	Debtors 94,000	
Capital A/cs:		(-) Provision 6,000	88,000
Lokesh 1,40,000		Investments	80,000
Mansoor 80,000		Goodwill	40,000
Nihal 50,000	2,70,000	Profit and Loss	20,000
	3,34,000		3,34,000
	=======		======

- i. Firm's goodwill was valued at Rs 1,02,000 and it was decided to adjust Mansoor's share of goodwill into the capital accounts of the continuing partners.
- ii. There was a claim for workmen's compensation to the extent of Rs 12,000 and investments were brought down to Rs 30,000.
- iii. Provision for bad debts was to be reduced by Rs 2,000.
- iv. Mansoor was to be paid Rs 20,600 in cash and the balance will be transferred to his loan account which was paid in two equal instalments together with interest @ 10% per annum.
- v. Lokesh's and Nihal's capitals were to be adjusted in their new profit sharing ratio by bringing in or paying off cash as the case may be.

Prepare revaluation account and partners' capital accounts.

25. X, Y, and Z were partners sharing profits in the ratio 3: 2: 1. On 31st March 2008, their Balance Sheet stood as under:

Liabilities		Amt(Rs.)	Assets	Amt(Rs.)
Capitals:			Cash at Bank	70,000
X	75,000		Investments	50,000
Υ	70,000		Patents	15,000
Z	50,000	1,95,000	Stock	25,000
Creditors		72,000	Debtors	20,000
General Reserve		24,000	Buildings	75,000
			Machinery	36,000
		2,91,000		2,91,000

Z died on May 31st, 2008. It was agreed that

- a. Goodwill was valued at 3 years' purchase of the average profits of the last five years, which were 2003: Rs. 40,000; 2004: Rs. 40,000; 2005: Rs. 30,000; 2006: Rs. 40,000 and 2007: Rs. 50,000.
- b. Machinery was valued at Rs. 70,000, Patents at Rs. 20,000 and Buildings at Rs. 66,000.
- c. For the purpose of calculating Z's share of profits until the date of death, it was agreed that the same be calculated based on the average profits for the last 2 years.
- d. The executor of the deceased partner is to be paid the entire amount due by means of a cheque.

26.	• •	nd ₹ 40 on first and final call. holder of 500 debentures paid the entire B, the holder of 100 debentures failed to	[6]
	Part B :- Analysis of	f Financial Statements	
27.	For whom, analysis of financial statemer i. Share Market ii. Taxing Officer iii. Chief Military Officer iv. Shareholder	nts is not significant?	[1]
	a) Option (ii)	b) Option (i)	
	c) Option (iii)	d) Option (iv)	
		OR	
	Securities Premium Reserve is shown un	der:	
	a) Current Liabilities	b) Share Capital	
	c) Reserve and Surplus	d) Short term provisions	
28.	Revenue from Operations (Sales) ₹ 8,00, Selling Exp. ₹ 15,000; Loss on Sale of Pla	000; G.P. 25% on Cost; Office Exp. ₹ 25,000; nt ₹ 10,000. Operating Ratio will be:	[1]
	a) 81.25%	b) 86.25%	
	c) 85%	d) 80%	
29.	As per Accounting Standard-3, Cash Flow	v is classified into	[1]
	<ul><li>a) Operating activities and financing activities</li></ul>	b) Investing activities and financing activities	
	<ul><li>c) Operating activities and investing activities</li></ul>	d) Operating activities, financing activities and investing activities	
		OR	
	Which of the following is not source of c	ash?	
			Page 10

	c) Purchase of machinery	d) Sale of asset	
30.	Which of the following transactions are spreparing cash flow statement:  i. Issue of Equity Shares  ii. Cash Received from Debtors	shown under financing activities while	[1]
	iii. Redemption of Debentures		
	iv. Cash Paid Against Trade Payables		
	Choose the correct option:		
	a) (i), (ii) and (iv)	b) (i) and (iii)	
	c) (i) and (ii)	d) (i)	
31.	_	s the following items will be placed in the ed Schedule VI, Part I of the Companies Act, es Act, 2013)?	[3]
	i. Accrued Incomes		
	ii. Loose Tools		
	iii. Provision for Employees Benefits		
	iv. Unpaid Dividend		
	v. Short-term Loan		
	vi. Long-term Loans		
32.	Operating Cost ₹ 3.40.000: Gross Profit F	Ratio 20%: Operating Expenses ₹ 20.000.	[3]

From the following Statement of Profit and Loss of PP Ltd. prepare a **Common Size** 

OR

Prepare a Common Size Balance Sheet of X Ltd. from the following information:

2021-2022

(₹)

20,00,000

5,00,000

10,00,000

Statement of Profit and Loss for the year ended 31.3.2021 and 31.3.2022:

[4]

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2020-2021

(₹)

10,00,000

5,00,000

7,00,000

Calculate Operating Profit Ratio.

Revenue from operations

Other Income

Tax Rate 50%

**Expenses** 

**Particulars** 

33.

Current Assets	20.00	22.00
Non-Current Investments	1.80	1.20
Property, Plant and Equipment and Intangible Assets	41.40	36.00
Share Capital	30.00	30.00
Reserves & Surplus	12.00	7.20
Non-Current Liabilities	12.60	12.00
Current Liabilities	17.40	10.80

34. From the following Balance Sheet of Ravi Ltd. and the additional information as on [6] 31-3-2023, prepare a Cash Flow Statement:

	Ravi Ltd.				
	Balance Sheet as at 31-3	3-2023			
	Particulars	Note No.	31-3-23 (₹)	31-3-22 (₹)	
I.	Equity and Liabilities				
	(1) Shareholders Funds				
	(a) Share Capital		7,90,000	5,80,000	
	(b) Reserves and Surplus	1	4,60,000	1,20,000	
	(2) Non-Current Liabilities				
	Long term Borrowings	2	5,00,000	3,00,000	
	(3) Current Liabilities				
	(a) Short term borrowings	3	1,15,000	42,000	
	(b) Short term Provisions	4	1,18,000	46,000	
	Total		19,83,000	10,88,000	
II.	Assets				
	(1) Non-Current Assets				
	Property, Plant and Equipment and Intangible Assets:				
	(i) Property, Plant and Equipment	5	9,80,000	6,35,000	
	(ii) Intangible Assets	6	2,68,000	1,70,000	
	(2) Current Assets				
	(a) Current Investments		1,40,000	70,000	

I	(c) Cash and Cash Equivalents	1,55,000	03,000
	Total	19,83,000	10,88,000

## **Notes to Accounts**

Note No.	Particulars	31-3-23 (₹)	31-3-22(₹)
1.	Reserves and Surplus		
	Surplus (Balance in Statement of Profit & Loss)	3,20,000	60,000
	General Reserve	1,40,000	60,000
		4,60,000	1,20,000
2.	Long-term Borrowings		
	12% Debentures	5,00,000	3,00,000
		5,00,000	3,00,000
3.	Short-term Borrowings		
	Bank Overdraft	1,15,000	42,000
		1,15,000	42,000
4.	Short-terms Provisions		
	Provision for Tax	1,18,000	46,000
		1,18,000	46,000
5.	Tangible Assets		
	Plant and Machinery	11,00,000	7,50,000
	Less: Accumulated Depreciation	(1,20,000)	(1,15,000)
		9,80,000	6,35,000
6.	Intangible Assets		
	Goodwill	2,68,000	1,70,000
		2,68,000	1,70,000

## **Additional Information:**

12% debentures were issued on 1<sup>st</sup> September, 2022.

## Part A:- Accounting for Partnership Firms and Companies

1.

## **Solutions**

(c) 6,000

**Explanation:** Total capital of the firm after Z's admission = 24,000 x5/1 = 1,20,000

Total capital of all the partners = 39,000 + 27,000 + 24,000 = 90,000

Goodwill of the firm = 1,20,000 - 90,000

= 30,000

Z's share in goodwill =  $30,000 \times 1/5 = 6,000$ 

2. (a) Both A and R are true and R is the correct explanation of A.

**Explanation:** Both A and R are true and R is the correct explanation of A.

3.

(c) ₹ 1,200

**Explanation:** amount of forfeiture received on 400 shares =  $400 \times 3 = 2,000$ 

amount of forfeiture received on 300 shares =  $\frac{2,000}{400} \times 300 = ₹ 1,500$ 

amount transferred to capital reserve account = 1,500 - (300 ×₹1) = ₹ 1,200

OR

(c) 12% Debenture Application A/c Dr. 36,000

Discount on Issue of Debentures A/c Dr. 4,000

To 12% Debentures A/c 40,000

**Explanation:** 12% Debenture Application A/c Dr. 36,000

Discount on Issue of Debentures A/c Dr. 4,000

To 12% Debentures A/c 40,000

Bank A/c Dr. 36,000

To 12% Debenture Application A/c 36,000

4.

(c) Gain  $\frac{1}{10}$ 

**Explanation:** Gain  $\frac{1}{10}$ 

Isha's gain or sacrifice =  $\frac{2}{5} - \frac{1}{2} = \frac{4-5}{10} = \frac{(-1)}{10}$  Gain

OR

(c) Solvent person

**Explanation:** Solvent person

5.

**(b)** Nil

**Explanation:** Nil

NO interest on capital provided in case of Loss.

6.

(b) Secured

**Explanation:** Secured

OR

(d) not paid

**Explanation:** articles of the company must authorise about the forfeiture of the shares

8.

(c) Retiring partner's share of goodwill only

**Explanation:** The main purpose of the calculation of gaining ratio at the time of retirement of a partner is to adjust his share of goodwill. After calculating his share of goodwill, gaining a partner's capital account will be debited in their gaining ratio and outgoing partner's capital account will be credited.

OR

(a) ₹ 240

**Explanation:** 12000x8%x3/12 = ₹ 240

9. **(d)** ₹ 72,000

Explanation: ₹ 72,000

10. **(b)** ₹ 250

**Explanation:** ₹ 250

11.

(d) All of these

**Explanation:** In the absence of a partnership deed, partners, are not entitled to receive interest on capital, salaries and commission.

12.

(d)  $\ge 2,100$ 

#### **Explanation:**

Forfeited amount is ₹ 2 on application and ₹ 3 on allotment	₹
Thus, forfeited amount on 700 share	3,500
Loss on reissue : $700 \times 2$	1,400
Amount transferred to Capital Reserve	2,100

13. (a) Capital Reserve

**Explanation:** Capital Reserve

14.

(d)  $4\frac{1}{2}$  months

**Explanation:** If a fixed amount is withdrawn by a partner at the end of each quarter, **interest on drawings** on the total amount withdrawn will be calculated for 4.5 months

15. (a) 8:4:3

**Explanation:** Girish's New Share  $= \frac{2}{3} imes \frac{4}{5} = \frac{8}{15}$ 

Balwant's Share  $= rac{1}{3} imes rac{4}{5} = rac{4}{15}$ 

Vinod's Share  $=\frac{1}{5}=\frac{3}{15}$ 

.: Girish: Balwant: Vinod = 8:4:3

OR

(d) Nil

**Explanation:** B is not sacrificing nor gaining on Rishu's admission.

16.

(c)

(C)			
Mohan's Capital A/c	Dr.	22,500	

**Explanation:** Calculation of the amount paid to the creditors in full settlement:

Total amount due to the creditors = 30,000

Amount waived by the creditors = 5,000

Amount due after deducting the amount waived by creditors = 30,000 - 5,000 = 25,000

Final Payment made to creditors are = 25,000 - 2500 (  $25000 \times 10\%$  Discount ) = 22,500

### 17. Calculation of Actual Average Profit:-

Actual Average Profit = Average Profit - Remuneration to Partners

Actual Average Profit = ₹ 3,60,000 - ₹ 1,20,000

Actual Average Profit = ₹ 2,40,000

Normal Profit = Capital Employed  $imes rac{normal\ rate\ of\ return}{100}$ 

Normal Profit = ₹ 10,00,000  $\times \frac{15}{100}$ 

Normal Profit = ₹ 1,50,000

Super Profit = Actual Average Profit - Normal Profit

Super Profit = ₹ 2,40,000 - ₹ 1,50,000

Super Profit = ₹ 90,000

Goodwill = Super Profit  $\times$  Number of year Purchases

Goodwill = ₹ 90,000 × 2 Goodwill = ₹ 1,80,000

18.

## Profit & Loss Appropriation A/c for the year ended on March 31, 2022

Dr				Cr
Particulars		Amount (₹)	Particulars	Amount (₹)
To Interest on Capital A/c			By P & L A/c (₹26,800 - ₹3,000)	23,800
Arun	3,000			
Barun	1,800	4,800		
To Barun Salary A/c (1,	000 ×4)	4,000		
To Profit transferred to Partners' Capital A/c:				
Arun	9,000			
Barun	<u>6,000</u>	15,000		
		23,800		23,800

OR

ii. Interest in drawings.

19.

## BOOKS OF X LTD. JOURNAL

Date	Particulars		L.F.	Dr. (₹)	Cr. (₹)
	Plant and Machinery A/c	Dr.		8,00,000	

i. Drawings;

(Purchase of assets of Y Ltd.)			80,00,000
Y Ltd.	Dr.	20,00,000	
To Bank A/c (Part payment made through Bank)			20,00,000
Y Ltd.	Dr.	60,00,000	
To 6% Debentures A/c			50,00,000
To Securities Premium Reserve A/c (Issue of 50,000 Debentures of ₹100 each at 20% premium calculated as $\frac{60,00,000}{120}$ = 50,000)			10,00,000

OR

According to Section 52 (2) of the Companies Act, 2013, the securities premium reserve may be applied for the following purposes

- i. To write off preliminary expenses of the company.
- ii. To write off the expenses of or the commission paid or discount allowed on any issue of shares or debentures of the company.
- iii. To provide for the premium payable on the redemption of any redeemable preference shares or of any debentures of the company.
- iv. The company can use it to buy back its own shares.

Note that securities premium reserve is a capital nature receipt therefore it cannot be used to pay dividends.

#### 20.

#### **CALCULATION OF NORMAL PROFIT**

Year Ended	Profit/(Loss) (₹)	Adjustments* (₹)	Normal Profit (₹)					
31 st March, 2020	70,000	(10,000)	60,000					
31 st March, 2021	1,00,000	20,000	1,20,000					
31st March, 2022	(55,000)	(45,000)	(1,00,000)					
31st March, 2023	1,45,000	5,000	1,50,000					
			2,30,000					

Average Profit =  $\frac{\text{Total Normal Profit}}{\text{Number of Years}} = \frac{22,30,000}{4} = 57,500$ 

Value of Goodwill = Average Profit  $\times$  Number of Years' Purchase

= ₹ 57,500 × 2 = ₹ 1,15,000

\*Adjustments:

Adjustment to be made in profit for the year ended 31st March, 2022	<u>(45,000)</u>
2. Depreciation wrongly debited to Profit and Loss Account for the Year ended 31st March, 2022	5,000
1. Repairs expenses that should have been debited to Profit and Loss Account as expense but accounted as capital expenditure. Loss to increase by ₹ 50,000	₹ (50,000)

#### 21.

## Books of Eastern Company Limited Journal

Date	Particulars	L.F.	Dr.(₹)	Cr.(₹)
pate	Particulars	L.F.	Dr.(₹)	Cr.

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,			, ,
(Application money on 40,000 shares @ ₹ 4 per share received)			
Share Application A/c	Dr.	1,60,000	
To Share Capital A/c			1,60,000
(Application money transferred to share capital)			
Share Allotment A/c	Dr.	1,20,000	
To Share Capital A/c			1,20,000
(Money due on allotment of 40,000 shares @ ₹ 3 per share)			
Bank A/c	Dr.	1,20,000	
To Share allotment A/c			1,20,000
(Money received on 40,000 shares @ ₹ 3 per share on allotment)			
Share First and Final Call A/c	Dr.	1,20,000	
To Share Capital A/c			1,20,000
(Money due on 40,000 shares @ ₹ 3 per share on First and final call)			
Bank A/c	Dr.	1,20,000	
To Share First and Final Call A/c			1,20,000
(First and final call money received)			

22. JOURNAL

Date	Particulars		L.F.	Dr. (₹)	Cr. (₹)
2023					
Mar. 31	Realisation A/c	Dr.		45,000	
	To Nisha's Capital A/c				45,000
	(unrecorded liability paid by the partner)				
Mar. 31	Realisation A/c	Dr.		32,000	
	To Cash A/c				32,000
	(creditors accepted the furniture and balance amount paid in cash)				
Mar. 31	Kishor's Loan A/c	Dr.		18,000	
	To Cash A/c				18,000
	(Kishor's loan paid by firm)				
Mar. 31	Rohan's Capital A/c	Dr.		72,000	
	To Realisation A/c				72,000
	(stock taken by Rohan)				

	TO KISHOL'S Capital A/C			6,000
	(dissolution expenses paid by Kishor on firm's behalf)			
Mar. 31	Nisha's Capital A/c	Dr.	20,000	
	Kishor's Capital A/c	Dr.	12,000	
	Rohan's Capital A/c	Dr.	8,000	
	To Realisation A/c			40,000
	(loss on dissolution charged from partners in the old ratio)			

# 23. In the Books of Instant Tools Ltd. Journal

Date	Particulars		L.F.	Dr. (₹)	Cr. (₹)
	Bank A/c	Dr.		12,50,000	
	To Share Application A/c				12,50,000
	(Received application money received on 2,50,000 shares)				
	Share Application A/c	Dr,		12,50,000	
	To Share Capital A/c				6,00,000
	To Security Premium Reserve A/c				4,00,000
	To Share Allotment A/c				2,00,000
	To Bank A/c				50,000
	(Application money adjusted and surplus refunded)				
	Share Allotment A/c	Dr.		6,00,000	
	To Share Capital A/c				6,00,000
	(Allotment due on 2,00,000 shares )				
	Bank A/c	Dr.		3,88,000	
	Calls in arrears A/c (WN)	Dr.		12,000	
	To Share Allotment A/c				4,00,000
	(Allotment money received)				
	Share First and Final Call A/c	Dr.		8,00,000	
	To Share Capital A/c				8,00,000
	(First and final call money due)				
	Bank A/c	Dr.		7,76,000	
	Calls-in-Arrears A/c (6000 $ imes$ 4)			24,000	
	To Share First and Final Call A/c				8,00,000
	(First and final call money received)				

To Share Forfeiture A/c			24,000
(Forfeiture of 6000 shares for non-payment of allotment and call money)			
Bank A/c	Dr.	48,000	
To Share Capital A/c			30,000
To Security Premium A/c			18,000
(3,000 shares reissued)			
Share Forfeiture A/c	Dr.	12,000	
To Capital Reserve A/c			12,000
(Gain on reissue of shares transferred to capital reserve)			

### **Working Notes:**

Calculation of calls-in-Arrears (Allotment money not paid by Neeraj:

- i. Number of shares allotted to Neeraj = 7,200  $\times$   $\frac{2,00,000}{2,40,000}$  = 6,000 shares.
- ii. Excess application money adjusted on allotment [(7,200 6,000) × ₹ 5] = ₹ 6,000

iii.	Allotment money due (6,000 $\times$ ₹ 3)	₹ 18,000
	Less: Excess application money adjusted on allotment (ii)	₹ 6,000
	Amount not Received from Neeraj on Allotment	₹ 12,000

## OR **JOURNAL**

Date	Particulars		L.F.	Dr. (₹)	Cr. (₹)
	Bank A/c	Dr.		8,00,000	
	To Equity Share Application A/c (Money received on application)				8,00,000
	Equity Share Application A/c	Dr.		8,00,000	
	To Equity Share Capital A/c (Application money transferred to Share Capital A/c)				8,00,000
	Equity Share Allotment A/c	Dr.		10,00,000	
	To Equity Share Capital A/c				4,00,000
	To Securities Premium Reserve A/c (Allotment, including premium due)				6,00,000
	Bank A/c	Dr.		10,00,000	
	To Equity Share Allotment A/c (Allotment money received including premium)				10,00,000
	Equity Share First Call A/c	Dr.		4,00,000	
	To Equity Share Capital A/c				4,00,000

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To Equity Share First Call A/c (Money received on first call)			4,00,000
Equity Share Second & Final Call A/c	Dr.	4,00,000	
To Equity Share Capital A/c (Money due on second & final call)			4,00,000
Bank A/c	Dr.	4,00,000	
To Equity Share Second & Final Call A/c (Money received on second & final call)			4,00,000
Share Issue Expenses A/c	Dr.	75,000	
To Bank A/c (Expenses incurred on issue of shares)			75,000
Securities Premium Reserve A/c	Dr.	75,000	
To Share Issue Expenses A/c (Share issue expenses written off against Securities Premium Reserve A/c			75,000

## **BANK ACCOUNT**

Particulars	₹	Particulars	₹
To Equity Share Application A/c	8,00,000	By Share Issue Expenses A/c	75,000
To Equity Share Allotment A/c	10,00,000	By Balance c/d	25,25,000
To Equity Share First Call A/c	4,00,000		
To Equity Share Second & Final Call A/c	4,00,000		
	26,00,000		26,00,000

## **BALANCE SHEET OF SPENCER PAINTS LTD.**

## as at ...

Particulars	Note No.	Current year	Previous year
I. EQUITY AND LIABILITIES :		₹	₹
Shareholder's Funds:			
(a) Share Capital	1	20,00,000	
(b) Reserve and Surplus	2	5,25,000	
		25,25,000	
II. ASSETS:			
Current Assets:			
Cash and Cash Equivalents	3	25,25,000	

#### **Notes to Accounts:**

(1) Share Capital	₹	₹
Authorised:		

, ,		
(2) Reserve and Surplus	20,00,000	
Securities Premium Reserve	5,25,000	
(3) Cash and Cash Equivalents:		
Cash at Bank	25,25,000	

# 24. Books of Sunder, Chand and Vishwash Revaluation Account

Dr.				Cr.
Particulars		(Rs)	Particulars	(Rs)
To Furniture A/c		7,000	By Machinery A/c	5,200
To Profit transferred to Capital A/cs of:			By Stock A/c	4,800
			By Debtor's A/c	2,000
Sunder (5,000 x 3/5)	3,000			
Chand (5,000 x 2/5)	2,000	5,000		
		12,000		12,000

**Partner's Capital Account** 

Dr.							Cr.
Particulars	Sunder(Rs)	Chand(Rs)	Vishwash(Rs)	Particulars	Sunder(Rs)	Chand(Rs)	Vishwash(Rs)
To Goodwill c/d	12,000	8,000		By Balance b/d	50,000	75,000	
To Balance c/d	64,000	71,000	50,000	By Revaluation A/c (Profit)	3,000	2,000	
				By Bank A/c			50,000
				By Premium A/c(Goodwill)	20,000		
				By Profit and Loss A/c	3,000	2,000	
	76,000	79,000	50,000		76,000	79,000	50,000
				By Balance c/d	64,000	71,000	50,000

## **Bank Account**

Dr.			Cr.
Particulars	(Rs)	Particulars	(Rs)
To Balance b/d	800	By Balance c/d	70,800
To Vishwash's Capital A/c	50,000		

, , ,	,	
	70,800	70,800
To Balance b/d	70,800	

### **Balance Sheet**

as at 1st April 2007

Liabilities	(Rs)	Assets	(Rs)
Creditors	40,000	Bank (800 + 50,000 = 20,000)	70,800
Sunder's capital	64,000	Debtors (10,000 +2,000)	12,000
Chand's Capital	71,000	Stock (57,200 + 4,800)	62,000
Vishwash's Capital	50,000	Furniture (37,000 - 7,000)	30,000
		Machinery(45,000+5,200)	50,200
	2,25,000		2,25,000

## **Working Notes:**

## i. Calculation of Sacrificing Ratio

Sunder =  $\frac{3}{5} - \frac{1}{5} = \frac{2}{5}$ Chand =  $\frac{2}{5} - \frac{2}{5}$  = Nil. That means only Sunder surrendered his share towards Vishwas on his admission and Chand's profit sharing ratio remain the same.

### **Revaluation Account**

Particulars	Amount (Rs)	Particulars	Amount (Rs)			
To Workmen's Compensation Claim A/c	12,000	By Provision for Bad Debts A/c	2,000			
To Investment A/c	30,000	By Loss Transferred to Capital A/cs				
		Lokesh 20,000				
		Mansoor 12,000				
		Nihal 8,000	40,000			
	42,000		42,000			
	=====		=====			

**Partners' Capital Account** 

Particulars	Lokesh Amount (Rs)	Mansoor Amount (Rs)	Nihal Amount (Rs)	Particulars	Lokesh Amount (Rs)	Mansoor Amount (Rs)	Nihal Amount (Rs)
To Profit and Loss A/c	10,000	6,000	4,000	By Balance b/d	1,40,000	80,000	50,000
To Goodwill A/c	20,000	12,000	8,000	By Lokesh's Capital A/c		21,857	
To Revaluation A/c (Loss)	20,000	12,000	8,000	By Nihal's Capital A/c		8,743	

Capital 7 y C				Figure)			
To Cash A/c		20,600					
To Mansoor's Loan A/c		60,000					
To Cash A/c(Balancing Figure)	4,286						
To Balance c/d	63,857		25,543				
	1,40,000	1,10,600	54,286 =====		1,40,000	1,10,600	54,286 =====

**Working Note:** Whenever a partner exits a partnership, the books of accounts of such a firm have to be settled. The outgoing partner or his legal representatives have to be paid their dues. This means a revaluation of assets and liabilities must be done. Share of goodwill is to be calculated, and the adjusted capital after retirement is to be calculated.

#### **Calculation of Share of Goodwill**

Mansoor's share of goodwill = 1,02,000  $\times \frac{3}{10}$  = Rs 30,600, to be contributed by Lokesh and Nihal in gaining ratio i.e., 5 : 2

Lokesh will pay = 30,600  $\times \frac{5}{7}$  = Rs 21,857; Nihal will pay = 30,600  $\times \frac{2}{7}$  = Rs 8,743

### **Calculation of Capital of New Firm after Mansoor's Retirement**

Lokesh's capital after adjustment = 68,143

Nihal's capital after adjustment = 21,257

Total Capital = 89,400

Lokesh's new capital = 89,400  $\times \frac{5}{7}$  = Rs 63,857

Nihal's new capital = 89,400  $\times \frac{2}{7}$  = Rs 25,543

25.

#### Z's Capital Account

Dr.			Cr.
Particulars	Amt(Rs)	Particulars	Amt(Rs)
To Z's Executor's A/c	80,250	By Balance b/d	50,000
		By General reserve(24,000 x 1/6)	4,000
		By Revaluation A/c(30,000 x 1/6 working notes)	5,000
		By X's Capital A/c (20,000 x 3/5 )	12,000
		By Y's Capital A/c (20,000 x 2/5 )	8,000
		By P and L Suspense A/c (working notes X)	1,250
	80,250		80,250

### **Journal**

Date	Particulars		L.F.	Dr.(Rs)	Cr.(Rs)
2008 March 31	Z's Capital A/c	Dr.		80,250	

(Being the amount due to Z transferred to Z's Executor's A/on Z's death)			80,250
Z's Executor A/c	Dr	80,250	
To Bank A/c (Being executor's A/c Settled)			80,250

## **Working Notes:**

i.

#### **Revaluation Account**

Dr.				Cr.
Particulars		Amt(Rs)	Particulars	Amt(Rs)
To Building A/c		9,000	By Machinery A/c	34,000
To Profit transferred to Capital A/cs:			By Patents A/c	3,300
X (30,000 x 3/6)	15,000			
Y (30,000 x 2/6)	10,000			
Z (30,000 x 1/6)	5,000	30,000		
		39,000		39,000

- ii. Goodwill = 3 x average profit
- iii. Average Profit = Total profit / number of years
- iv. Total profit = 40,000 + 40,000 + 30,000 + 40,000 + Rs. 50,000 = 2,00,000.
- v. Number of years = 5
- vi. So Average Profit = 2,00,000 / 5 = 40,000
- vii. Goodwill = 2 x average profit i.e 40000 X 3 = Rs. 1,20,000 Z's share of Goodwill = 1,20,000  $\times \frac{1}{6}$  = Rs. 20,000
- viii. Z's share in profit = Average profit  $imes rac{1}{6} imes rac{2}{12}$
- ix. Average profit = 50,000 + 40000 / 2 = 45,000
- x. Z's share in profit = Rs. 45,000  $\times \frac{1}{6} \times \frac{2}{12}$  = Rs. 1,250

26.

### Journal of Govind Ltd.

Date	Particular		L.F.	Dr. (₹)	Cr. (₹)
	Bank A/c	Dr.		5,00,000	
	To 11% Debentures Application A/c (Application money received on 20,000 debentures @ ₹25 each)				5,00,000
	11% Debentures Application A/c	Dr.		5,00,000	
	To 11% Debentures A/c (Application money transferred)				5,00,000
	11% Debentures Allotment A/c	Dr.		7,00,000	
	To 11% Debentures A/c (Allotment due)				7,00,000
	Bank A/c	Dr.		7,16,500	

·			, ,
To Calls in Advance A/c (Allotment received on 19,900 debentures @ ₹ 35 per debenture; plus call received in advance on 500 debenture @ ₹ 40 per debenture)			20,000
11% Debenture First & Final Call A/c	Dr.	8,00,000	
To 11% Debentures A/c (First and final call due on 20,000 debentures @ ₹ 40 per debenture)			8,00,000
Bank A/c	Dr.	7,76,000	
Calls in Advance A/c	Dr.	20,000	
To 11% Debentures First & Final Call A/c (First and final call money received on 19,900 debentures @ ₹ 40 per debenture; Calls in advance on 500 debentures of A previously received now adjusted)			7,96,000

#### Part B: - Analysis of Financial Statements

27.

(c) Option (iii)

Explanation: Option (iii)

OR

(c) Reserve and Surplus

**Explanation:** Securities premium reserve (SPR) is shown under the heading Shareholders funds and subheading Reserves and Surplus of Balance sheet.

28.

(c) 85%

**Explanation:** Operating Ratio  $=\frac{\text{Cost of Revenue from Operations} + \text{Operating Exp.}}{\text{Revenue from Operations}} \times 100$ 

If Cost is 100, G.P. will be ₹ 25 and Revenue from Operations will be ₹ 125

Hence, Cost of Revenue from Operations  $=8,00,000 imes rac{100}{125}$ 

= 6,40,000

Operating Exp. = Office Exp. + Selling Exp.

= ₹ 25,000 + ₹ 15,000 = ₹ 40,000

Operating Ratio  $= rac{6,40,000+40,000}{8,00,000} imes 100$  = 85%

29.

(d) Operating activities, financing activities and investing activities

**Explanation:** Operating activities, financing activities and investing activities

OR

(c) Purchase of machinery

**Explanation:** Purchase of machinery

30.

(b) (i) and (iii)

(i)	Accrued Incomes	Current Assets	Other Current Assets
(ii)	Loose Tools	Current Assets	Inventories
(iii)	Provision for Employees Benefits	Non-Current Liabilities	Long-term Provisions
(iii)	Unpaid Dividend	Current Liabilities	Other Current Liabilities
(iv)	Short-term Loans	Current Liabilities	Short-term Borrowings
(v)	Long-term Loans	Non-Current Liabilities	Long-term Borrowings

32. Cost of Revenue from Operations = Operating Cost - Operating Expenses

= 3,40,000 - 20,000 = ₹ 3,20,000

Gross Profit =  $\frac{3,20,000 \times 20}{80}$  = ₹ 80,000 (gross profit is 20% means cost of goods sold 80%)

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

= 3,20,000 + 80,000 = ₹ 4,00,000

Operating Profit = Revenue from Operations - Operating Cost

= 4,00,000 - 3,40,000 = ₹ 60,000

Operating Profit Ratio  $=\frac{\mathrm{Operating\ Profit}}{\mathrm{Revenue\ from\ Operations}} imes 100 = \frac{60,000}{4,00,000} imes 100 = 15\%$ 

#### 33. Common Size Statement of Profit & Loss

Particulars	Note	Absolute	e Amount	Percentage of Revenue from Operation		
Particulars	No.	31st March, 2021	31st March, 2022	31st March, 2021 (%)	31st March, 2022 (%)	
I. Revenue from Operations		10,00,000	20,00,000	100	100	
II. Other Income		5,00,000	5,00,000	50	25	
III. Total Revenue (I + II)		15,00,000	25,00,000	150	125	
IV. Expenses		7,00,000	10,00,000	70	50	
V. Profit before tax (III - IV)		8,00,000	15,00,000	80	75	
VI. Income Tax (50%)		4,00,000	7,50,000	40	37.5	
VII. Profit after tax (V - VI)		4,00,000	7,50,000	40	37.5	

OR

#### IN THE BOOKS OF X LTD.

## Common Size Balance Sheet as at 31st March, 2022 and 2023

Double de	Note	Absolute Amounts		Percentage of Balance Sheet Total	
Particular	No.	2022 (₹)	2023 (₹)	2022 (%)	2023 (%)

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(a) Share Capital	30.00	30.00	50.00	41.67
(b) Reserve and Surplus	7.20	12.00	12.00	16.66
2. Non-Current Liabilities	12.00	12.60	20.00	17.50
3. Current Liabilities	10.80	17.40	18.00	24.17
Total	60.00	72.00	100.00	100.00
II. Assets:				
Property, Plant and Equipment and Intangible Assets				
(a) Property, Plant and Equipment	36.00	41.40	60.00	57.50
Non-current investments	1.20	1.80	2.00	2.50
2. Current Assets	22.80	28.80	38.00	40.00
Total	60.00	72.00	100.00	100.00

## 34. Working Notes:

## Calculation of Net Profit before Tax:

Add: Provision for Tax  Net Profit before Tax	1,18,000 <b>4 58 000</b>
	80,000
Net Profit after Tax	2,60,000

## **Cash Flow Statement**

Particulars	(₹)	(₹)
I. CASH FLOWS FROM OPERATING ACTIVITIES		
Net Profit before Tax	4,58,000	
Add: depreciation on Plant and Machinery	5,000	
Interest on 12% Debentures	50,000	
Operating profit before Working Capital changes	5,13,000	
Less: Increase in Trade Receivables	(2,90,000)	
Cash generated from operations	2,23,000	
Less: Tax paid	(46,000)	
cash inflow from operating activities		1,77,000
II. CASH FLOWS FROM INVESTING ACTIVITIES		
Purchase of Plant and Machinery	(3,50,000)	
Purchase of Goodwill	(98,000)	
cash used in investing activities		(4,48,000)
III. CASH FLOWS FROM FINANCING ACTIVITIES		

	, ,	
Bank overdraft raised	73,000	
Interest paid on 12 % Debentures	<u>(50,000)</u>	
cash inflow from financing activities		4,33,000
Net increase in Cash and Cash Equivalents		1,62,000
Add: Opening Cash and Cash equivalents:		
Current Investments	70,000	
Cash and Cash equivalents	63,000	1,33,000
Closing Cash and Cash equivalents:		
Current Investments	1,40,000	
Cash and Cash equivalents	1,55,000	<u>2,95,000</u>