

# ANSWER KEY - SAMPLE QUESTION PAPER 2022-23

## SUBJECT ACCOUNTANCY 055

### CLASS XII

S.NO	Question	Marks															
<div>Part A</div> <div>(Accounting for Partnership Firms and Companies)</div>																	
1.	a) 41: 7: 12	1															
2.	c) Both (A) and (R) are incorrect	1															
3.	b) ₹ 4 per share <div>OR</div> d) Non – Redeemable Debentures	1															
4.	<table><tr><td>a)</td><td>Samiksha’s Capital A/c.</td><td>Dr.</td><td>9,000</td><td></td></tr><tr><td></td><td>To Arshiya’s Capital A/c.</td><td></td><td></td><td>6,000</td></tr><tr><td></td><td>To Divya’s Capital A/c</td><td></td><td></td><td>3,000</td></tr></table> <div>Or</div> d) Share of Loss Sohan –₹ 1,180 Mohan – ₹ 1,770	a)	Samiksha’s Capital A/c.	Dr.	9,000			To Arshiya’s Capital A/c.			6,000		To Divya’s Capital A/c			3,000	1
a)	Samiksha’s Capital A/c.	Dr.	9,000														
	To Arshiya’s Capital A/c.			6,000													
	To Divya’s Capital A/c			3,000													
5.	d) ₹ 3,00,000	1															
6.	c) 6% <div>OR</div> b) 5%	1															
7.	c) ₹ 30,000	1															
8.	d) ₹70,500 <div>Or</div> d) A ₹ 50,000; B ₹ 50,000 and C ₹ 50,000	1															
9.	c) ₹ 36,000	1															
10.	a) ₹ 1,80,000	1															
11.	c) (iii) ; (ii) ; (i); (iv)	1															
12.	b) ₹ 21,000	1															
13.	b) Providing for Premium payable on Redemption of Debentures.	1															
14.	c) ₹ 50,000	1															
15.	d) 5,000 <div>Or</div> d) 12% p.a	1															
16.	d) ₹ 30,000 (loss)	1															
17	<div>Journal Entry</div> <table><tr><th>Date</th><th>Particulars</th><th>L.F.</th><th>Dr. Amount</th><th>Cr. Amount</th></tr></table>	Date	Particulars	L.F.	Dr. Amount	Cr. Amount	3 (1 + 2)										
Date	Particulars	L.F.	Dr. Amount	Cr. Amount													

	1.02.22	Profit and Loss Suspense A/c To Sara's Capital A/c (Being Sara's share of profit allowed till the date of her death)	Dr.		30,000		30,000																																																																
	<p>Workings: Profit % to sales turnover for the year ended 31<sup>st</sup> March, 2021 = 1,20,000/10,00,000 X 100 = 12%</p> <p>Estimated sales for the year ended 31<sup>st</sup> March, 2022 = ₹ 10,00,000 + 20% of ₹ 10,00,000 = ₹ 12,00,000</p> <p>Estimated sales till 01<sup>st</sup> February, 2022 = ₹ 12,00,000 x 10/12 = ₹ 10,00,000</p> <p>Profit percentage 12-2=10%</p> <p>Profit amount till 01<sup>st</sup> February, 2022 = 10% of ₹ 10,00,000 = ₹ 1,00,000</p> <p>Sara's share of profit till 1<sup>st</sup> February, 2022 = <math>\frac{1,00,000 \times 3}{10}</math> = ₹ 30,000</p>																																																																						
18	<p>Dr. Profit and Loss Appropriation A/c for the year ending on 31<sup>st</sup> March, 2022 Cr.</p> <table><thead><tr><th>Particulars</th><th>Amount (₹)</th><th>Particulars</th><th>Amount (₹)</th></tr></thead><tbody><tr><td>To Interest on Capital:</td><td></td><td>By Profit and Loss A/c</td><td>1,38,000</td></tr><tr><td>Amay's Current A/c</td><td>9,000</td><td></td><td></td></tr><tr><td>Anmol's Current A/c</td><td>4,500</td><td></td><td></td></tr><tr><td>Rohan's Current A/c</td><td>4,500</td><td></td><td></td></tr><tr><td>To Partners' Current A/c:</td><td></td><td></td><td></td></tr><tr><td>Amay 53,000</td><td></td><td></td><td></td></tr><tr><td>Anmol 40,000</td><td></td><td></td><td></td></tr><tr><td>Rohan 27,000**</td><td>1,20,000</td><td></td><td></td></tr><tr><td></td><td><u>1,38,000</u></td><td></td><td><u>1,38,000</u></td></tr></tbody></table>							Particulars	Amount (₹)	Particulars	Amount (₹)	To Interest on Capital:		By Profit and Loss A/c	1,38,000	Amay's Current A/c	9,000			Anmol's Current A/c	4,500			Rohan's Current A/c	4,500			To Partners' Current A/c:				Amay 53,000				Anmol 40,000				Rohan 27,000**	1,20,000				<u>1,38,000</u>		<u>1,38,000</u>	3 (1/2 x6)																							
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(i)	Assets A/c Goodwill A/c To Liabilities A/c To Mithoo Ltd. A/c (Business purchased of Mithoo Ltd. comprising of Assets and Liabilities)	Dr. Dr.	23,50,000 50,000	6,00,000 18,00,000
(ii)	Mithoo Ltd. A/c Loss on Issue of Debentures A/c To 9% Debentures A/c To Premium on Redemption of Debentures A/c (Debentures issued to Mithoo Ltd. at Discount, redeemable at Premium)	Dr. Dr.	18,00,000 3,00,000	20,00,000 1,00,000

OR

Books of Random Ltd.

Journal Entries

Date	Particulars	L.F	Debit (₹)	Credit (₹)
(i)	Assets A/c To Liabilities A/c To Mature Ltd. A/c To Capital Reserve A/c (Business purchased of Mithoo Ltd. comprising of Assets and Liabilities)	Dr.	45,00,000	6,40,000 36,00,000 2,60,000
(ii)	Mature Ltd. A/c To Bank A/c To 12% Preference Share Capital A/c To Securities Premium A/c (Debentures issued to Mithoo Ltd. at Discount, redeemable at Premium)	Dr.	36,00,000	1,50,000 30,00,000 4,50,000
No. of Shares = $34,50,000/115 = 30,000$ shares @ 100 + 15 each				

20.  
Sol

Journal Entry

3  
(1+2)

Date	Particulars	L.F.	Dr. Amount	Cr. Amount
1.4.20	Nobita's Capital A/c To Doremon's Capital A/c (Being goodwill adjusted at the time of change in profit sharing ratio)	Dr.	26,667	26,667

Workings:

(i) Calculation of gaining ratio and sacrificing ratio:

Doremon's gain or sacrifice =  $3/6 - 2/6 = 1/6$  (sacrifice)Shinchan's gain or sacrifice =  $2/6 - 2/6 = 0$ Nobita's gain or sacrifice =  $1/6 - 2/6 = -1/6$  (gain)

(ii) Calculation of goodwill:

### CALCULATION OF NORMAL PROFIT

Year Ended	Profit/ Loss	Adjustments	Normal Profit
31 <sup>st</sup> March, 2019	50,000	----	50,000
31 <sup>st</sup> March, 2020	1,20,000	-----	1,20,000
31 <sup>st</sup> March, 2021	1,80,000	-----	1,80,000
31 <sup>st</sup> March, 2022	(70,000)	50,000-10,000	(30,000)
Total			3,20,000

Goodwill = Average Profits X No. of years Purchase  
 Average Profits = Total Normal Profits/Number of years  
                             = 3,20,000/4 = 80,000  
 Goodwill = 80,000 X 2 = ₹1,60,000  
 A's share of goodwill = 1,60,000 X 1/6 = ₹26,667

21.

#### Books of Altaur Ltd. Balance Sheet (Extract) as at .....

Particulars	Note No.	Current Year (₹)	Previous Year (₹)
<b>EQUITY AND LIABILITIES</b>			
Shareholders' Funds			
Share Capital	1	63,25,000	Nil

#### Notes to Accounts

1. Share Capital	Amount (₹)
Authorised Share Capital	
25,00,000 Equity Shares @ ₹ 10 each	2,50,00,000
1,50,000 9% Preference Shares @ ₹ 100 each	1,50,00,000
	<b>4,00,00,000</b>
Issued Share Capital	
8,00,000 Equity Shares @ ₹ 10 each	<b>80,00,000</b>
Subscribed Share Capital	
(i) Subscribed and Fully Paid up	-----
(ii) Subscribed but not Fully Paid up	
8,00,000 Equity Shares @ ₹ 8 each	64,00,000
(-) Calls in Arrears**	(75,000)
	63,25,000

4  
(1+3)

22.

#### Journal Entries in the Books of Charu, Dhvani, Iknor and Paavni

Date	Particulars	L.F.	Dr. Amount	Cr. Amount
(i)	Dhvani's Loan A/c                      Dr. To Bank A/c To Realisation A/c (Dhwani's Loan of ₹ 50,000 settled at ₹ 42,000)		50,000	42,000 8,000
(ii)	Paavni's Loan A/c                      Dr. To Realisation A/c		40,000	40,000

4

		(Paavni's Loan of ₹ 40,000 settled by giving an unrecorded asset)					
	(iii)	Realisation A/c Dr. To Loan to Charu A/c (Loan to Charu was settled by payment to Charu's brother Loan)		60,000	60,000		
	(iv)	Iknoor's Loan A/c Dr. To Realisation A/c To Bank A/c (Iknoor's Loan of ₹ 80,000 and Machinery was given as part payment and rest through bank)		80,000	60,000 20,000		

23.

Books of OTUA Ltd.  
Journal Entries

6

Date	Particulars	L.F	Debit (₹)	Credit (₹)
(i)	Bank A/c Dr. To Equity Share Application A/c (Application money received on 85,000 shares)		34,00,000	34,00,000
(ii)	Equity Share Application A/c Dr. To Equity Share Capital A/c To Equity Share Allotment A/c To Bank A/c (Application money transferred to share capital, share allotment and refunded)		34,00,000	24,00,000 6,00,000 4,00,000
(iii)	Equity Share Allotment A/c Dr. To Equity Share Capital A/c To Securities Premium A/c (Allotment due on 60,000 shares with Premium)		51,00,000	36,00,000 15,00,000
(iv)	Bank A/c Dr. Calls in Arrears A/c Dr. To Equity Share Allotment A/c (Allotment received on 56,000 shares)		42,00,000 3,00,000	45,00,000
(v)	Equity Share Capital A/c Dr. Securities Premium A/c Dr. To Share Forfeited A/c To Calls in Arrears A/c (4,000 shares forfeited for non-payment of allotment money)		4,00,000 1,00,000	2,00,000 3,00,000
	Bank A/c Dr. Share Forfeited A/c Dr. To Equity Share Capital A/c (3,000 shares re-issued @ ₹ 80 per share)		2,40,000 60,000	3,00,000
	Share Forfeited A/c Dr. To Capital Reserve A/c		90,000	90,000

(Gain on re-issue of forfeited shares transferred to capital reserve)

OR  
Books of Vikram Ltd.  
Journal Entries

(i)

Date	Particulars	L.F	Debit (₹)	Credit (₹)
(i)	Share Capital A/c Dr. To Share Forfeited A/c To Calls in Arrears A/c (5,000 shares forfeited for non-payment of allotment and call money)		50,000	18,000 32,000
(ii)	Bank A/c Dr. To Share Capital A/c To Securities Premium A/c (3,000 shares re-issued @ ₹ 12 per share)		36,000	30,000 6,000
(iii)	Share Forfeited A/c Dr. To Capital Reserve A/c (Gain on re-issue of forfeited shares transferred to capital reserve)		10,800	10,800

(ii)

Books of Ratan Ltd.  
Journal Entries

Date	Particulars	L.F	Debit (₹)	Credit (₹)
	Share Capital A/c Dr. To Share Forfeited A/c To Calls in Arrears A/c (3,000 shares forfeited for non-payment of first call money)		21,000	15,000 6,000
	Bank A/c Dr. To Share Capital A/c (2,000 shares re-issued @ ₹ 10 per share)		20,000	20,000
	Share Forfeited A/c Dr. To Capital Reserve A/c (Gain on re-issue of forfeited shares transferred to capital reserve)		10,000	10,000

24.	Dr.	Revaluation Account			Cr.	6
		<b>Particulars</b>	<b>Amount (₹)</b>	<b>Particulars</b>	<b>Amount (₹)</b>	
		To Partner's Capital A/c: X	19,200	Plant and Machinery Buildings A/c	14,000 11,000	

	Y	12,800	32,000	Provisions for Doubtful Debt A/c	7,000				
			32,000		32,000				
	Dr. Partner's Capital Accounts Cr.								
	Particulars	X	Y	Z	Particulars	X	Y	Z	
	Y's Current A/c	----	24,000	----	Balance b/d	1,19,000	1,12,000	—	
	Balance c/d	1,68,000	1,12,000	56,000	Bank A/c	—	—	56,000	
					Z's Current A/c	8,400	5,600	—	
					General Reserve A/c	8,400	5,600	—	
					Revaluation A/c	19,200	12,800	—	
					X's Current A/c	13,000			
		1,68,000	1,36,000	56,000		1,68,000	1,36,000	56,000	
	OR								
	Dr. Revaluation A/c Cr.								
	Particulars	Amount (₹)		Particulars	Amount (₹)				
	To Provision for Doubtful Debts	400		By Building A/c	7,000				
	To Partner's Capital A/c:								
	P	3,300							
	Q	2,200							
	R	1,100							
		7,000			7,000				
	Dr. Partner's Capital Accounts Cr.								
	Particulars	P	Q	R	Particulars	P	Q	R	
	Goodwill A/c	13,500	—	4,500	Balance b/d	15,000	10,000	10,000	
	Profit & Loss	600	400	200	Revaluation A/c	3,300	2,200	1,100	
	Cash	—	2,800	—	Goodwill A/c	9,000	6,000	3,000	
	Q's Loan	—	15,000	—	R's Current A/c	----	----	1,900	
	P's Current A/c	1,900	—	----					
	Balance c/d	11,300	----	11,300					
		27,300	18,200	16,000		27,300	18,200	16,000	
25.	Journal Entries								6
	Date	Particulars			L.F.	Dr. Amount	Cr. Amount		
	2019 June 30	Profit and Loss Suspense A/c Dr. To A's Capital A/c (Being share of profit provided till the date of his death)				1,20,000	1,20,000		
	Dr. A's Executors A/c Cr.								
	Date	Particulars	J.F.	Amount	Date	Particulars	J.F.	Amount	
	2019 June 30	Furniture A/c		2,40,000	2019 June 30	A's Capital A/c		8,40,000	
	2020 Mar.31	Balance c/d		6,27,000	2020 Mar.31	Interest A/c		27,000	
				8,67,000				8,67,000	

2020 June 30	Bank A/c		2,36,000	2020 Apr. 1	Balance b/d		6,27,000
2021 Mar. 31	Balance c/d		4,18,000	June 30	Interest A/c		9,000
				2021 Mar. 31	Interest A/c		18,000
			6,54,000				6,54,000
2021 June 30	Bank A/c		2,24,000	2021 Apr. 1	Balance b/d		4,18,000
2022 Mar. 31	Balance c/d		2,09,000	June 30	Interest A/c		6,000
				2022 Mar. 31	Interest A/c		9,000
			4,33,000				4,33,000
2022 June 30	Bank A/c		2,12,000	2021 Apr. 1	Balance b/d		2,09,000
				June 30	Interest A/c		3,000
			2,12,000				2,12,000

26.

Books of Health2Wealth Ltd.

6  
(2+2+2)

## a) Journal Entries

Date	Particulars	L.F	Debit (₹)	Credit (₹)
(i)	Bank A/c Dr. To Debenture Application and Allotment A/c (Application money received)		55,00,000	55,00,000
(ii)	Debenture Application and Allotment A/c Dr. Loss on Issue of Debentures A/c Dr. To 8% Debentures A/c To Securities Premium A/c To Premium on Redemption of Debentures A/c (Debenture issued at premium, to be redeemed at premium)		55,00,000 10,00,000	50,00,000 5,00,000 10,00,000

## b)

Dr.			Cr.		
Date	Particulars	Amount (₹)	Date	Particulars	Amount (₹)
2021 1 Oct.	To Premium on Redemption of Debentures	10,00,000	2022 31 Mar.	By Securities Premium A/c By Statement of Profit and Loss A/c	7,80,000 2,20,000
		10,00,000			10,00,000

## c) Journal Entries

Date	Particulars	L.F	Debit (₹)	Credit (₹)
31 Mar. 2022	Debenture Interest A/c Dr. To Debentureholders A/c (Interest due on debentures)		2,00,000	2,00,000
31	Debentureholders A/c Dr.		2,00,000	



Mar. 2022	To Bank A/c (Interest paid to debentureholders)			2,00,000		
31 Mar. 2022	Statement of Profit and Loss Dr. To Debenture Interest A/c (Interest on Debentures charged to Statement of Profit and Loss)		2,00,000	2,00,000		

## Part B :- Analysis of Financial Statements

### Option -I

27.	c) Postulates  Or c) Only (ii) and (iii) are correct	1																					
28.	b) 3 times	1																					
29.	d) Subtracted under Operating Activities as Extraordinary Item and Inflow under Investing Activities also  Or c) Added ₹ 1,30,000 under Operating Activities as Loss on Issue of Debentures written off and Inflow of ₹ 18,00,000 under Financing Activities.	1																					
30.	b) ₹ 1,02,000	1																					
31.	<table border="1"> <thead> <tr> <th>Item</th><th>Heading</th><th>Sub – Heading</th></tr> </thead> <tbody> <tr> <td>(i) Current maturities of long term debts</td><td>Current Liabilities</td><td>Short term borrowings</td></tr> <tr> <td>(ii) Furniture and Fixtures</td><td>Non – Current Assets</td><td>Property, Plant and Equipments and Intangible Assets  Property, Plant and Equipments</td></tr> <tr> <td>(iii) Provision for Warranties</td><td>Non – Current Liabilities</td><td>Long Term Provisions</td></tr> <tr> <td>(iv) Income received in advance</td><td>Current Liabilities</td><td>Other Current Liabilities</td></tr> <tr> <td>(v) Capital Advances</td><td>Non – Current Assets</td><td>Long Term Loans and Advances</td></tr> <tr> <td>(vi) Advances recoverable in cash within the operation cycle</td><td>Current Assets</td><td>Short Term Loans and Advances</td></tr> </tbody> </table>	Item	Heading	Sub – Heading	(i) Current maturities of long term debts	Current Liabilities	Short term borrowings	(ii) Furniture and Fixtures	Non – Current Assets	Property, Plant and Equipments and Intangible Assets  Property, Plant and Equipments	(iii) Provision for Warranties	Non – Current Liabilities	Long Term Provisions	(iv) Income received in advance	Current Liabilities	Other Current Liabilities	(v) Capital Advances	Non – Current Assets	Long Term Loans and Advances	(vi) Advances recoverable in cash within the operation cycle	Current Assets	Short Term Loans and Advances	3
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(vi) Advances recoverable in cash within the operation cycle	Current Assets	Short Term Loans and Advances																					
32.	Variations of Accounting Practice as Limitation is highlighted in the given statement.	3																					

	<p>Two Other Limitations (Any two of the following, with suitable explanation)</p> <p>(a) Limitations of Accounting Data</p> <p>(b) Ignores Price-level Changes</p> <p>(c) Ignore Qualitative or Non-monetary Aspects</p> <p>(d) Forecasting</p>	
33.	<p>Return on Investment = <math>\text{EBIT} / \text{Capital Employed} \times 100</math>  <math>= 15,00,000 / 1,20,00,000 \times 100 = 12.5\%</math></p> <p>Capital Employed = 12% Preference Share Capital + Equity Share Capital + Reserves and Surplus + 15% Debentures + 10% Bank Loan = 30,00,000 + 40,00,000 + 10,00,000 + 20,00,000 + 20,00,000 = ₹ 1,20,00,000</p> <p>EBIT = Profits after Tax + Tax + Interest = 6,00,000 + 4,00,000 + 5,00,000 = ₹ 15,00,000</p> <p>Net Assets Turnover ratio = Revenue from Operations/Capital Employed  <math>= 3,60,00,000 / 1,20,00,000 = 3 \text{ times}</math></p> <p>Or</p> <p>(i) Ratio will improve. Reason – Capital Employed will decrease and Debt will remain same</p> <p>(ii) Ratio will remain same. Reason – Both Debt and Capital Employed will remain same.</p> <p>(iii) Ratio will decline. Reason – Debt will decrease but Capital Employed will remain same.</p> <p>(iv) Ratio will decline. Reason – Capital Employed will increase but Debt will remain same.</p>	4
34.	<p>1. Net Profit before tax and extraordinary items = Net Profit for the year + Interim Dividend + Loss of assets due to fire + Provision for Tax + Proposed Dividend - Insurance claim received for Loss due to Fire – Tax refund = 7,50,000 + 90,000 + 20,000 + 80,000 + 1,60,000 – 10,000 – 20,000 = ₹ 10,70,000</p> <p>2. Operating profit before working capital changes = Net Profit before tax and extraordinary items + Adjustments for non-cash and non-operating expenses and goodwill amortised – Adjustments for non-cash and non-operating incomes = 10,70,000 + 40,000 + 70,000** – 30,000 = 11,50,000</p> <p>** Goodwill amortised = Opening goodwill + Goodwill purchased - Closing goodwill</p> <p>3. Cash flow from Investing Activities = Interest on Non-Current Investments + Insurance claim for loss of assets due to fire – Purchase of Investments – Purchase of Machinery – Goodwill purchased = 30,000 + 10,000 – 1,00,000 – 1,60,000 – 20,000 = ₹ (2,40,000) Outflow</p> <p>4. Cash flow from Financing Activities: Raise of Bank overdraft – Interim Dividend Paid – Final Dividend paid = 50,000 – 90,000 – 1,60,000 = ₹ (2,00,000) Outflow</p> <p>5. Closing Cash and Cash Equivalents : Cash in Hand + Investment in Marketable Securities = 2,00,000 + 1,50,000 = ₹ 3,50,000</p>	6 (1.5+ 1.5+ 1+ 1+ 1)
Part B :- Computerised Accounting		

	(Option – II)	
27.	a) PMT (rate, nper, pv, [fv], [type]) Or a) Design, Layout, Format	1
28.	d) =AND (C4<10, D4,100)	1
29.	a) SUM and AVERAGE Or c) [Home]	1
30.	(b) Financial	1
31.	Types of Accounting Vouchers (i) Contra Vouchers (ii) Payments Vouchers (iii) Receipt Vouchers	3
32.	The points to be considered before making investment in a database: (any three) (i) What all data is to be stored in the database? (ii) Who will capture or modify the data, and how frequently the data will be modified? (iii) Who will be using the database, and what all tasks will they perform? (iv) Will the database ( backend) be used by any other frontend application? (v) Will access to database be given over LAN/ Internet, and for what purposes? (vi) What level of hardware and operating system is available?	3
33.	Features of computerized accounting system: (i) Simple and integrated. (ii) Transparency and control. (iii) Accuracy and speed. (iv) Scalability. (v) Reliability Or Uses of conditional formatting: (i) It helps in making needed information highlighted. (ii) It changes the appearance of cells ranges. (iii) Colour scale may be used to highlight cells . (iv) useful in making decision making.	4
34.	Two basic methods of charging depreciation are: Straight line method : This method calculates fixed amount of depreciation every year which is calculated keeping in view the useful life of assets and its salvage value at the end of its useful life. Written down value method: This method uses current book value of the asset for computing the amount of depreciation for the next period. It is also known as declining balance method.. Differences: 1. Equal amount of depreciation is charged in straight line method. Amount of depreciation	6

goes on decreasing every year in written down value method.

2. Depreciation is charged on original cost in straight line method. The amount is calculated on the book value every year.
3. In straight line method the value of asset can come to zero but in written down value method this can never be zero.
4. Generally rate of depreciation is low in case of straight line method but it is kept high in case of written down value method.
5. It is suitable for assets in which repair charges are less and the possibility of obsolescence is less. It is suitable for the assets which become obsolete due to changes in technology.

