## INDIAN SCHOOL MUSCAT

CLASS: 12

# FIRST PRE – BOARD EXAMINATION

Accountancy (055)

# SET - B

			SEI	- Б								
QP.NO.			VALUE POINT	rs .				SI				
1.	₹ 76,800							M				
2.	(d) A Liability							_				
3.	Yes, if partnership de	ed provide	es so.					+				
4.	C's Capital A/c	Dr.			4,0	000		+				
	To B's Capital A/c				.,-		4,000					
	i.e. 1,20,000 x 2/60			I		l	,					
5.	(c) Current Account of	of New Par	tner									
6.	₹ 1,125											
7.	₹ 5,000											
8.	A's old share = $4/7$											
	A's sacrifice = $\frac{1}{4}$ of $\frac{4}{7} = \frac{1}{7}$											
	C's share = $2/7$											
	B's sacrifice = C's sh	are – A's s	sacrifice = $2/7 - 1/7 =$	: 1/7								
	Or	1 1 .		0/7 1/7								
0	B's sacrifice = B's old share – B's new share = $3/7 - 2/7 = 1/7$											
9.	6% p.a. (d) 30 <sup>th</sup> April, 2019							+				
10. 11.												
	Debit											
12.	False											
13.												
14.			diture Account For	the year e	ended 31°C	March 20	)18					
	Expenditure `		come / Subscription		1	1,25,900						
		•	•	2011	1			_				
			ess: O/s as on 31.3.			9,750		-11				
			dd: Advance as on dd: O/s as on 31.3.2		-	4,500 8,470						
			ess: Advance as on		2	7,640	1,21,480	$\exists 1$				
			nce Sheet (Extract)			7,040	1,21,400	-				
	Liabilities	Baiai	(`) Assets									
	Subscription recei	ived		ription			8,470	71				
	in advance		Outsta	anding								
			O.D.									
			OR									
	Basis of distinction		Income and Expend	iture	Receipt	and	Payment					
			1		Account							
	Nature		It is like as profit		It is the su	ımmary of	the cash					
			account, hence is a	a nominal	book, hence	e a real ac	count					
	N		account.	· D	4							
	Nature of Items		It records items of		It record							
	Daniad		and expense nature	-	payment o							
	Period		Items in Incom		Receipts a							
			Expenditure account the current period.	11 151316 10	may relate succeeding	_	unig and					
			Tuie current period.		succeduiil	s perious						

15.				Balance sheet	of XYZ Ltd. a	s at				4
		Particu	lar			Note N	0.	₹		
			<u> </u>				1 :	2,79,600		
		Authori 50,000 Issued S 30,000 Subscri Subscri 27,800	e Capital sed Share Capita Shares of ₹ 10 ea Share Capital Shares of ₹ 10 ea bed Share Capita bed and fully paid Shares of ₹10 ea	2,78,00	:	<u>5,00,000</u> <u>3,00,000</u>				
		2,000 S	bed and not fully hares of ₹10 each alls in arrears	1600 2,79,600						
16.	Dr.			Punita Capit	al A/c		•	(	Cr.	4
	Particu	lars		Amount	Particulars	articulars				
	To P&	L A/c		24,000	By balance b	o/d		1,00,0	00	
	   To Pun	ita's execu	tor's A/c	1,22,880	By Interest of		al	4,8		
	(bal. fig			_,,	By P&L Sus	•		6,0		
	( <i>Oai.</i> 118	5)			By Rashi's c	•		,		
				By Seema's Ca				12,0 24,0		
							Capital A/c		00	
				<u>1,46,880</u>				1,46,880		
17.			per Profit and lo 000 born by R a		each.	:`1,80,0	000		-	4
		Data	D1		OR	II	D (T)	G (7)		
		Date 2019	Particulars Meenakshi's	Current A/c	Dr.	LF	Dr.(₹)	Cr.(₹)		
		Apr 1	Gauri's Curre	ent A/c ita's Current for interest on	Dr. A/c capital for the	e	3840			
18.		Date	Particulars			LF	Dr.(`)	Cr.(`)		4
10.	<u>-</u>	20XX	Realisation a/o	e Dr			12,000			
		<u>i)</u>	To Bank				1,500	12,000		
		ii)	Realisation a/o To A capita				1500	1500		
	<u> </u>	iii) Cash/Bank a/c Dr To Realisation a/c			2000	1500				
					15.000	2000				
		iv)	Cash/Bank a To Realisa				15,000	15,000		
19.		Date	Particulars			LF	Dr.(₹)	15,000 Cr.(₹	(:	6
	<u> </u>	a)	Bank A/c Dr.				105000	Ì		
			To Deb App	lication and A	llotment A/c			10500	0	

		(Being	the application mone	v received)						
			ure Application and A			105,000				
		A/c Dr				2,000				
			n Issue of Debenture	A/c Dr			10	00000		
			2% Debenture A/c					5000		
			Security Premium Re					2000		
			Premium on Redempt							
		_	1,000 debentures issu							
		-	m of $5\%$ and redeema	able at 2%						
	b)	premiu: Vendor	•	Dr		9,00,000				
	0)		nt on issue of Debent			1,00,000				
			2% Debenture	uic A/C		1,00,000	10.0	0,000		
			Debentures issued to	vendors)			10,0	0,000		
	c)		ure Suspense A/c Dr	, venuests)		10,00,000				
			Debenture A/c			, ,	10,0	0,000		
		(Being	10,000 11% debentur	res of ₹ 100						
		issued a	as collateral security)							
		Τ=	(	)R					_	
	Date	Particulars			LF	Dr.(	₹)	Cr.(₹)		
	a)		mption Investment A	/c Dr		30,00	00			
		To Bank A/c	investments purchas	ad)				30,000		
	b)	10% Debenture	•	cu)		2,00,00	00			
			re Holder A/c			2,00,00		2,00,000		
			e due for redemption)	)				, ,		
	b)	Debenture Hold	er A/c Dr			2,00,00	00			
		To Bank A/c					2,00,000			
			made to debenture h							
	c)		emption Reserve A/c	Dr		50,00				
		To General Reso		- · ·- <b>4</b> : - ·-				50,000		
		` _	fer of Debenture Red eral Reserve on the re	-						
		debentures)	crai Reserve on the re	demption of						
20.		,	Expenditure Account	for the vear end	ing 3	31 <sup>st</sup> March 2	2018			6
	Expendit		Amt. (₹)	Income	- 6			Amt.	. (₹)	
	To Salary	22000	24,000	By Subscription	on	65,400				
	Add: Out	standing 2000		Less : Recd in	ı Adv	vance 1,200				
				Add: outstand	_					
				Less doubtful		1000) 4000			200	
	To Rent	4,400	4,800	By Donation	(½ *	20,000)		10,	,000	
	To Insur	standing 400	2,400	By Contribut	ion f	or annual		5	000	
	10 Hisur	ance	2,400	Dinner	1011 1	oi aililuai		3,	,000	
	To Exper	ses on Annual Di	nner 4,500	<del> </del>	from	Tournamen	ıts	15	000	
		ises on Tourname		<u> </u>		Tournamen	105		600	
		s of Income over	71,450	By Entrance		6,000		10,		
		ure (surplus)	, , , , ,	Less :2/3 <sup>rd</sup> cap				2,	000	
				By Interest on					050	
			1,19,850					1,19,	850	
21.	D <sub>rr</sub>		т	Davidustis/				· ·		8
	Dr. Particular	*c	LF Amt.(₹)	Revaluation a/c Particulars		Т	.F	er. Amt	t (₹)	
	1 articulal		AIIII.(3)	1 articulars		L	11.	AIIII	ı.( <i>1)</i>	

To Mac	hinery	4,000	By Buildings	10,000
To Profit	Distributed:			
P	3,600			
Q	2,400	6,000		
		10,000		10,000

Dr.				Partners' Capital a/c			Cr.
Particulars	P	PQR1		Particulars	P	Q	R
To Cash A/c	19,200	16,800		By Balance b/d	96,000	68,000	
To Balance				By General Reserve	9,600	6,400	
c/d	1,08,000	72,000	60,000	By Cash A/c			60,000
				By Premium for Goodwill	18,000	12,000	
				By Revaluation A/c	3,600	2,400	
	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, 2018

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

OR

Dr.				Cr.	
Particulars	LF	Amt( ₹)	Particulars		Amt (₹)
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

Dr.		I	Leela Capital a/c		Cr.
Particulars	LF		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

Dr.		Leela Loan a/c						
Date	Particulars	LF	Amt (₹)	Date	Particulars	LF	Amt (₹)	
2018				2018				
June30	To Bank A/c		36,750	Apr 1	By Leela's Capital		70,000	
Sep 30	To Bank A/c		35,875	June 30	By Interest		1,750	
				Sep 30	By Interest		875	
			72,625				72,625	

Date Par	ticulars	LF	Dr. (₹)	Cr. (₹
	nk Account Dr.		16,00,000	
	To Equity Share Application Account		10,00,000	16,00,000
	oplication money received )			10,00,000
(A)	optication money received )			
Eq	uity Share Application Account Dr.		16,00,000	
Ī	o Equity Share Capital Account			10,00,000
	o Equity Share Allotment Account			5,00,000
	o Bank Account			1,00,000
	oplication money transferred to Equity Share Capital			1,00,000
	count, Equity Share Allotment account and			
	naining amount refunded)			
			15 00 000	
_	uity Share Allotment Account Dr.		15,00,000	15 00 000
	Γο Equity Share Capital Account			15,00,000
	lotment money due on 5,00,000 equity shares @ `3			
eac	,			
Ba	nk Account Dr.		10,22,500	
	To Equity Share Allotment Account			10,00,000
	To Calls in Advance Account			22,500
(A)	lotment money received along with Calls in			•
	vance on 1,500 Shares)			
	uity Share First Call Account Dr.		10,00,000	
	Equity Share Capital Account		10,00,000	10,00,000
	rst Call money due on 5,00,000 equity shares			10,00,000
	2 each)			
	· · · · · · · · · · · · · · · · · · ·		0.07.000	
	nk Account Dr.		9,97,000	
Ca	lls in Advance Account Dr.		3,000	
	To Equity Share First Call Account			10,00,000
	rst call money received)			
Eq	uity Share Final Call Account Dr.		65,00,000	
Γ	o Equity Share Capital Account			15,00,000
Γ	o Securities Premium Reserve Account			50,00,000
(Fi	nal Call money due on 5,00,000 equity shares @ `			
,	each including premium of `10 each)			
	nk Account Dr.		63,89,500	
	lls in Advance Account Dr.		19,500	
	Il in Arrears Account Dr.		91,000	
	Γο Equity Share Final Call Account		71,000	65,00,000
	± •			03,00,000
	nal call money received)		70.000	
-	uity Share Capital Account Dr.		70,000	
	curities Premium Reserve Account Dr.		70,000	
	Share Forfeited Account			49,000
	Calls in Arrears Account			91,000
( N	Ianohar's Shares forfeited )			
Ba	nk Account Dr.		70,000	
То	Equity Share Capital Account			70,000
	orfeited Shares of Manohar reissued)			
	are Forfeited Account Dr.		49,000	
	To Capital Reserve Account		.,,,,,,,,,,	49,000
(81	are forfeited account transferred to capital reserve			12,000
	<u>*</u>			
acc	count)			

#### a) AX LTD

#### Share Forfeited A/c

Date	Particulars	JF	₹	Date	Particulars	JF	₹
	To Share Capital a/c		4,000		By Share Capital a/c		30,000
	To Capital Reserve a/c		16,000				
	To Balance c/d		10,000				
			30,000				30,000

#### b) BG LTD

Date	Particulars	LF	Dr. (₹)	Cr. (₹)
	Share Capital Account Dr.		14,400	
	Securities Premium Reserve Dr.		2160	
	To Share Forfeited Account			12,960
	To Calls in Arrears Account			3,600
	( 720 Shares forfeited )			
	Bank Account Dr.		6,000	
	Share Forfeited Account Dr.		2,000	
	To Share Capital Account			8,000
	( 400 Shares re-issued @ `15 each)			
	Share Forfeited Account Dr.		5,200	
	To Capital Reserve Account			5,200
	(Gain on re-issue of forfeited shares transferred to			
	capital reserve account)			

#### c) ML LTD

Date	Particulars	LF	Dr. (₹)	Cr. (₹)
	Bank Account Dr.		10,800	
	Share Forfeited Account Dr.		1200	
	To Share Capital Account			12,000
	( 400 Shares re-issued @ ` 15 each)			
	Share Forfeited Account Dr.		7,200	
	To Capital Reserve Account			7,200
	(Gain on re-issue of forfeited shares transferred to			
	capital reserve account)			

## Part B

## (Analysis of Financial Statements)

- 23. Debt to Equity Ratio will decrease because long-term loan will decrease but total equity (shareholders' funds) will remain unchanged.

  24. (b) Inventory Turnover Ratio

  25. Operating Profit Ratio = 100 -87.05% = 12.95%.
- 26. 20% increase
  27. Creditors are interested to know short term solvency position of a firm i.e. its ability to meet its
- short term liabilities so are interested in Financial Statement analysis.

  28. Outflow of cash as cash is decreasing.

  1 29. (d) All of the Above
- 30. (a) Total revenue from operations =₹ 5,00,000 (2marks)

Gross Profit =  $\frac{1}{4}$  of cost =  $\frac{1}{5}$  of sales

1/5 of 5,00000= 1,00,000

Cost of Revenue from operations= Net Revenue from operations-Gross Profit

= \$5,00,000-Rs.1,00,000 = \$4,00,000

Cost of Revenue from operations = Opening Inventory + Net Purchases – Closing inventory ₹ 4,00,000 = Opening inventory + ₹ 3,00,000 –₹ 60,000

1

3

Opening inventory =  $\mathbf{1,60,000}$ .

(b) Current Liabilities = 6,80,000 Inventory =10,54,000 (1 Mark)
OR

(a) Interest Coverage Ratio= Net Profit before Interest and Tax/ Interest on Long Term Debts

Net Profit after Tax = ₹6,00,000

Tax Rate = 40 %

Net Profit before  $\tan = 100/(100 - \text{Tax}) \text{ x Net Profit after } \tan = 100/60 \text{ X } 6,00,000 = 10,00,000$ 

Net Profit before Interest & Tax = Net Profit before tax + Interest on Long Term Debts

= 10,00,000 + 4,80,000 = 14,80,000

Interest Coverage Ratio= Net Profit before Interest and Tax / Interest on Long Term Debts = 14,80,000 / 4,80,000 = 3.08 Times (1)

Significance of Interest Coverage Ratio: It reveals the number of times Interest on Long Term Debts is covered by the profits available. A higher ratio ensures safety of interest on Long Term Debts. (1)

(b) The Interest coverage ratio will improve if the company decides to redeem `5,00,000 debentures assuming that Net Profit after interest and the tax rate will be same.

(1)

31. Statement of Profit and Loss

For the years ended 31st March, 2018 and 2019

Particulars 2017-18 2018-19 Absolute Change Change in % Revenue from Operations 25,00,000 40,00,000 15,00,000 60 Less: Expenses (a) Employee Benefit Expenses 1,25,000 2,00,000 75,000 60 (b)Other Expenses Total Expense 5,90,000 6,80,000 90,000 15.25 Profit before Tax 7,15,000 8,80,000 1,65,000 23.07 Less: Taxes @ 35% 31,20,000 17,85,000 13,35,000 74.78 Profit after Tax 6.24,750 10,92,000 4,67,250 74.78 74.78 11,60,250 20,28,000 8,67,750

(2 marks for absolute Change and 2 Marks for Percentage change)

OR

Common Size Balance sheet of Star Ltd. as on 31.3.2019

	Note		
Particulars	No.	31.03.2019	%
		(₹)	
I. Equity and Liabilities			
1. Shareholders' funds			
(a) Share capital		30,00,000	60
(b) Reserves and Surplus		4,00,000	8
2. Non-Current Liabilities			
long term borrowings		10,00,000	20
3. Current Liabilities			
Trade payables		6,00,000	12
TOTAL		50,00,000	100
II. ASSETS			
(1) Non-Current Assets			

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	(a) Fixed Assets								
	(i) Tangible assets			30,00,000		60			
	(ii) Intangible assets		6,00,0			12			
	(2) CURRENT ASSETS			2,22,23					
	(a) Inventories		10,00,000			20			
	(b) Cash and cash equivalents		4,00,000			8			
	TOTAL		50,00,000			100			
	101112	71AL 30,00,000 100							
	(8 Items *1/2)= 4 Marks								
32.	Working Note No:1 Provision for Tax a/c							6	
	Particulars		Amt(₹) Particulars Amount (₹))				nt (₹))		
	To Cash (Tax Paid)		70,000		`		50,000		
	To Bal c/d		80,000 By Provision		on	90,000			
	10 Bai o/a		(made dur			70,000			
			the year)		6				
			1,50,000	und j uni		1.5	50,000		
	Working Note No. 2 Net Profit Before tax		1,50,000			1,0	70,000		
			oss 1.00.0	00					
	Surplus i.e. Balance in statement of Profit and Loss – 1,00,000								
	In the books of Krishna Ltd.	Add: Provision for Tax - <u>90,000</u> 1,90,000							
		31ct M	arch 2017						
	Cash Flow Statement For the year ended 31st March 2017  Particulars ₹				₹				
	CASH FLOWS FROM OPERATING ACTIVITIES								
	Net profit before tax (Working Note 2)								
	Add non operating/non- cash items:			1 9	0,000				
	Depreciation on machinery				60,000				
	Goodwill Written off				60,000				
	Operating profit before working capital changes				3,10,000				
	Add increase in Trade Payables				40,000				
	Less Increase in Inventories				(50,000)				
	Increase in Trade Receivables			,	,000)				
	Cash generated from operations				0,000				
	Income Tax paid				0,000				
	Cash flow from operating activities					3	30,000		
	CASH FLOWS FROM INVESTING								
	Purchase of machinery				,000)				
	Cash Used in Investing Activities	<b>-</b>				(7,60	0,000)		
	CASH FLOWS FROM FINANCING AC	TIVIT	IES			•			
	Issue of shares			4,00	0,000				
	Long term borrowings	orrowings			0,000				
	Cash flow from financing activities					(7,60	0,000)		
	Net increase in cash and cash equivalents					3	30,000		
	Add opening balance of cash and cash equivalents					6	60,000		
	Closing balance of cash and cash equivalents					9	00,000		
	(18  Items * 1/3) = 6  marks								