SULIT

		MARK/NOTES
· QUESTION 1(a) (i)		TOTAL:25 M
Answer		Total: 5 marks
Interest $I = 10\% x 1,000$		·
= RM 100		
Value of bond		
Vb = I (PVIFA 12%, 10) +	M (PVIF 12%, 10)	
= RM 100 / (5.6502) / +1	,000 / (0.3220) /	(/ = 1 mark: total = 5 marks)
= 565.02 /		total = 5 marks)
QUESTION 1(a) (ii)		Total:
		5 marks
Answer		
Dividend D1 = Do $(1+$	σ) /	
	(1/+0.05/)	
= RM 2.1		
Value of common shares		
value of common shares		(/ = 0.5 mark:
Vcs = D1		total = 5 marks)
Rcs-g /		
= RM 2.10		
(0.12 / - 0.0	05 /)	
= RM 30 /		
QUESTION 1(b) (i)		Total: 5 marks
Answer		5 mai k5
PRINCIPLE(B1)	450,000.00 /	
RATE(R)	0.12	
TIME (T) COM. BALANCE(CB)	9/12 0.75 / (100 - 10) / 100 0.90	
BASIC(B2)	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
INTEREST	(500,000X0.12X0.75) 45,000.00 /	(/ = 1 mark:
	(500,000,00,12,0.75) 45,000.00 7	total = 5 marks)
Creatit Effection	Cast interact in 1	
Credit Effective		
	Principal time	
	45,000 x 1	
	(450,000) 0.75	
	= 13.33% //	

<u>Answer</u>			Total: 10 marks
PRINCIPLE(B1)		450,000.00 /	
RATE(R)		0.08 /	
TIME (T)	9/12	0.75 /	
COM. BALANCE(CB)	(100 - 20) / 100	0.80	
BASIC(B2)	450,000 ÷ 0.8)	562,500.00	
INTEREST	(562,500X0.08X0.75)	33,750.00 //	(/ = 1 mark:
Credit Effective	e Cost= interest x Principal - interest 33,750 x (450,000-33,750) = 10.81% //	1 time 1 0.75	total = 10 marks)
Roses Company Ltd should ch	oose Bank B / since Bank B	provide a low credit	
effective cost (10.81%) / as co	mpared to Bank A (13.33%)	./	
QUESTION 2(a) <u>Answer</u> THREE (3) working capital pr	inciples.		<u>TOTAL:25 M</u>
1. Hedging /			Total: 5 marks
-moderate principle /			5 mai ks
-permanent assets (fix	ked and current assets) are find	nanced with long-term	l
financing /			
-temporary current as	sets are financed with short-	term financing./	
2. Aggressive/			
-risky principle /			(1 - 0.5 mosly)
-using short term deb	t to finance all current assets	and some of fixed ass	total = 5 marks) $(/ = 0.5 \text{ mark})$
3. Conservative/			,
-very safe principle /			
• • •	nd most of the current assets	are financed by long t	arm
	nd most of the current assets	are maneed by long (
debt or equity /			

QUESTION 2(b)					Total: 10 marks
Answer					
The account receivables	collection proc	edure if the customer exc	ceeds beyond the c	redit	
period.					
1. distributing warning l	etter /				
- prepare and send it to the	he customer /				
2. making phone call /					(/ = 0.5 mark:
- contact the customer by	/ phone /				total = 5 marks
3. giving a final warning letter /					
- prepare and send it to the	he customer /				
4. reporting to the debt c	ollection agenc	ies /			
- contact legal collection	agencies or /				
- inform company's lawy	•	er actions /			
- bring the case to court a					
(any suitable answer					
-	-				
Answer_	FORMULA		ΤΟΤΑΙ]	Total: 10 marks
	FORMULA	CALCULATION	TOTAL		
SALES(S)			5,000,000	/	
ORDERING COST (O)			1,000	/	
CARRYING COST (C)		10% X PP	1		
PURCHASING					(/ = 0.5 mark)
PRICE (PP)			10	/	total = 10
EOQ (Q)	280	2X500000X1000	10,000,000,000	-	marks)
	2SO/C	2X500000X1000/1	10,000,000,000		
	√2SO/C	√2X5000000X1000/1	100,000 unit	///	
AVERAGE	,250,0		100,000 unit	,,,	
INVENTORY (AVG	$(Q \div 2) + SS$	100000/2 + 0	50,000	/	
INV)	$(\mathbf{Q} \div \mathbf{z}) + \mathbf{z}\mathbf{z}$	100000/2 + 0	50,000	/	
INV) TOTAL CARRYING	((Q÷2) +				
TOTAL CARRYING COST (TCC)	((Q÷2) + SS) X C	(100000/2 + 0) X 1	50,000	///	
TOTAL CARRYING		(100000/2 + 0) X 1	50,000	///	
TOTAL CARRYING COST (TCC) NUMBER OF ANNUAL ORDER (NO)	SS) X C S ÷ Q	5000000/100000	50,000 50	///	
TOTAL CARRYING COST (TCC) NUMBER OF ANNUAL ORDER (NO) TOTAL ORDERING	SS) X C S ÷ Q (S ÷ Q) X	5000000/100000 (5000000/100000) X	50	/	
TOTAL CARRYING COST (TCC) NUMBER OF ANNUAL ORDER (NO) TOTAL ORDERING COST (TOC) TOTAL	SS) X C S ÷ Q (S ÷ Q) X O	5000000/100000		/// / ///	
TOTAL CARRYING COST (TCC) NUMBER OF ANNUAL ORDER (NO) TOTAL ORDERING COST (TOC)	SS) X C S ÷ Q (S ÷ Q) X	5000000/100000 (5000000/100000) X	50	/	

CONCION OF	3 (a)			<u>TOTAL:25 M</u>
Answer				Total:
Step 1: Identify potential capital investment /			5 marks	
Step 2: Forecast future net cash flow /				
Step 3: Anal	yze potential inves	stment /		
i	. Screen out u	ndesirable investment us	ing payback or ARR method	
ii	. Further analy	ysis using NPV or IRR m	nethod.	
Step 4: Choo	se among alternat	ive investment when the	resources are not sufficient to	(/ = 1 mark: total = 5 marks
fund all prof	itable project /			
Step 5: Perfo	orm post-audits aft	er making capital investi	ment. /	
QUESTION	3 (b)(i)			Total: 10 marks
<u>Answer</u>				
Payback Per	iod for machine A			
PBP = 16500	00 / 35000 /			
= 4.71 y	/ears /			
-	iod for machines I 65000 – 149000) 0.258			
= 4.26				
QUESTION	-			
<u>Answer</u>				
Machine A				
	Cah flow	PVIFA (14%)		
Year	Cull How	1 (1 (1 (1 ()))	PV	
	35000	3.8887 /	PV 136104.50 /	
Year				
Year		3.8887 /	136104.50 /	
Year		3.8887 / TPV	136104.50 / 136104.50	
Year 1-6		3.8887 / TPV Investment	136104.50 / 136104.50 136104.50 165000.00	
Year		3.8887 / TPV Investment	136104.50 / 136104.50 136104.50 165000.00	
Year 1-6 Machine B	35000	3.8887 / TPV Investment NPV	136104.50 / 136104.50 136100.00 -28,895.50 /	

0.6750 /	25650.00 /	
0.5921 /	29605.00 /	
0.5194 /	32202.00 /	
) 0.4556 /	29614.00 /	
TPV	166703.00 /	-
Investment	165000.00	-
NPV	1703.00 /	(25/25 * 10 = 10 marks)
)		
, ,		
		Total:
achine A is 4.71 years comp	pared to machine B is 4.26 years	ars. 10 marks
	od to payback. Choose machin	ne B
of Machine B is shorter. ///		
r compared to negative NPV	. Since the NPV of machine	B is
Profitability index for Machine A is 0.82 compared to machine B is 1.01. Machine B should be chosen at its profitability index is greater than 1.0 and is higher than profitability index of machine A (0.82). ///		
iteria, machine B is the best	project to make an investment	nt. /
	 0.5921 / 0.5194 / 0.4556 / TPV Investment NPV) ¹. Investment NPV) ². Investment 50 / 165000 / ³. Investment .00 / 165000 / ⁴. Investment .00 / 165000 / ⁴. Investment .00 / 165000 / ⁴. Investment .00 / 165000 / ⁵. Investment .00 / 165000 / ⁶. Investment .00 / 165000 / <li< td=""><th>0 0.5921 / 29605.00 / 0 0.5194 / 32202.00 / 0 0.4556 / 29614.00 / TPV 166703.00 / Investment 165000.00 NPV 1703.00 / . Investment 10 0.4556 / . Investment 166703.00 / . Investment 0.0 / 1703.00 / . Investment 0.0 / 165000 / . Investment .00 / 165000 / . Investment .00 / 165000 / . Investment .00 / 165000 / . Investment . 0.0 / 165000 / . Investment . 0.0 / 165000 / . Machine A is 4.71 years compared to machine B is 4.26 year . Investment . Machine B is shorter. /// Machine A is (28895.50) compared to machine B is 1702 . Investment A is 0.82 compared to machine B is 1.01. Machine B is 1.01. Machine A is 0.82 compared to machine B is 1.01. Machine S is profitability</th></li<>	0 0.5921 / 29605.00 / 0 0.5194 / 32202.00 / 0 0.4556 / 29614.00 / TPV 166703.00 / Investment 165000.00 NPV 1703.00 / . Investment 10 0.4556 / . Investment 166703.00 / . Investment 0.0 / 1703.00 / . Investment 0.0 / 165000 / . Investment .00 / 165000 / . Investment .00 / 165000 / . Investment .00 / 165000 / . Investment . 0.0 / 165000 / . Investment . 0.0 / 165000 / . Machine A is 4.71 years compared to machine B is 4.26 year . Investment . Machine B is shorter. /// Machine A is (28895.50) compared to machine B is 1702 . Investment A is 0.82 compared to machine B is 1.01. Machine B is 1.01. Machine A is 0.82 compared to machine B is 1.01. Machine S is profitability

QUESTION 4 (a)	<u>TOTAL:25 M</u>
Answer	Total: 5 marks
Leverage is related to fixed cost. / Fixed costs are business costs that are not directly related to the level of production or output. /	
Example: rent, depreciation, insurance, preferred dividends and interest. // Leverage means the company will boost up income by using the fixed cost. /	(/ = 1 mark: total = 5 marks)
QUESTION 4 (b)(i)	Total:
Answer	10 marks
i) Degree of Operating Leverage (DOL)	
DOL = S - VC/S - VC - FC	
=	
3000000 - 1600000 - 700000	
= 14000000 /	
700000	
= 2 TIMES //	
ii) Degree of Financial Leverage (DFL)	
DFL = EBIT / EBIT - I	
= 7000000 /	
7000000 - 1000000	
	(l-1) mode
=7000000 /	(/ = 1 mark: total = 10
6000000	marks)
= 1.17 TIMES //	
iii) Degree of Combination Leverage (DCL)	
DCI - DOL Y DEL	
DCL = DOL X DFL	
= 2 X 1.17 /	
= 2.33 TIMES /	

QUESTION 4 (c)	Total: 10 marks
Answer	10 marks
i) percentage change in Earnings Before Interest and Tax (EBIT)	
DOL = %change in EBIT %change in Sales i) %change in EBIT = %change in Sales X DOL / = 20% x 2 // = 40% //	
ii) percentage change in Earning Per Share (EPS)	(/ = 1 mark: total = 10 marks)
DFL = %change in EPS %change in EBIT	
%change in EBT ii) %change in EPS = %change in EBIT X DFL / = 40% x 1.17 // = 46.8% //	