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Trade and Cash Discount

LP = RM 1500 , d, = 20% , d, = 15% , d, = 20% , Np = RM 969

 $\begin{aligned} NP &= LP \left(1 - d_1 \right) \left(1 - d_2 \right) \left(1 - d_3 \right) \\ 969 &= 1500 \left(1 - 0.2 \right) \left(1 - 0.15 \right) \left(1 - 2 \right) \\ 969 &= 1500 \left(0.8 \right) \left(0.85 \right) \left(1 - 2 \right) \\ 0.95 &= 1 - 2 \\ 20.05 &= 26 \end{aligned}$

2. Invoice = Rm 3,200 , Transport = Rm 88 (included) , d, = 20% , d, = 10%.

LP= 3200 - 88 = 3112

Total Payment (TP) = $LP(1-d_1)(1-d_2) + AD$ = 3112(1-0.2)(1-0.1) + 88= 3112(0.8)(0.9) + 88= 8m = 2,328.64

3. Invoice = Rm 3,400 , Handling Change = Rm 250 (included) $d_1 = 8\%$, $d_2 = 5\%$, cash discount terms = 3/15 , 2/20 , n/30

Invoice Date: 21 may 2019 31-21=10Payment beste: 6 Fune 2019 6 $16 \text{ day} \rightarrow \text{ cd} = 2\%$ 19 = 3400 - 250 = 3150

Total Payment (TP) = $LP(1-d_1)(1-d_2)(1-ed) + AD$ = 3150 (1-0.08)(1-0.05)(1-0.02) + 250= 2150 (0.92)(0.95)(0.98) + 250= km = 2,948.04

Invoice = RM 8,000

Transport = RM 150 } excluding

Insurance = RM 50 }

 $d_1 = 12\%$ $d_2 = 10\%$ cash discount terms = 5/10, n/30

i) LP= km8,000 SDER = 1- (1-d₁) (1-d₂) = 1- (1-0.12) (1-0.1) = 1- (0.88) (0.9) = 0.208 @ 20.8% ii) Invoice Date: 5 Feb 2019 ? 15-5=10
Payment Date: 15 Feb 2019] -> cd = 5%

Total Payment (TP) = LP(1-2DER)(1-cd) + AD= 8000(1-0.208)(1-0.05) + 150+50= 8000(0-792)(0.95) + 200= 800(0-792)(0.95) + 200

HPP = 0.8508p=0.85 (1000)

Profit. HSP - BEP = 850 ~615 = RM 235 70.

= km1,000.

, EM 615

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4. C = RM 500 OE = 0.1 C NP = 0.25C 1) SP = C + DE + NP ii) GP = SP - C = C + O.1C + 0.25C = 675 - 500 = 1.35C = 1.35 (500) = KM 675 2 Rm 175 ii) Np= 0.25 C = 0.25 (500) = RM 125 iv) BEP= C + OE = 500 + 0.1 (500) = RM 550 v) max MD = NP or = sp-Btp. = RM125 vi) sp = 600 BEP = 550; SP > BEP → Profit @ NP = 600-550 = RM 50 . Trade & Cash Discount + Morkey Morkedown. 1. Lp = RM8,400 d = 10% cash discount terms = 4/15, 11/30 GP = 0.25 89 OE = 0.048P. i) Invoice Date: 8 Sept 2019 } 22-8 = 14 -> cd = 4% Payment Date: 22 Sept 2019 } Total Paid (TP) = LP (1-d) (1-ed) +AD = 8400 (1-0.1) (1-0.04) +0 = 8400 (09) (0.96) = RM 7,257.60 ii) 8p = C + qp C = Total gaid = Rm 7.257.60 8p = C + 0.258p $8p = \frac{C}{0.75} = 7.257.60$ 0.75 = 0.75= Rm 9676.80 iv) max MD = SP - BEP iii) BEP = C + OE = C + 0.048p = 9676.80 - 7644.67= 7257.60 + 0.04 (9676.80) = Rm 2032 .128 = km 7644.672 @ RM 7644.67 -: % max MD = max MD x 100% = 2032.128 x 100%

= 21%

T	Installment Purchases.	
1.		i) I = Prt (original balance)
	pp = km 1,000	= 12000 (0.08) (3)
	B = RM 12,000	z km 2,880
	r = 8% (original balonce)	28 S M (8 E 11 128 VEN - 12 12 2 2
	$n = 36 \qquad 7$	36 20 ii) R= B+I
	$n = 36$ $m = 12$ (monthly) $\int_{-\infty}^{\infty} t^2$	12 n
		= 12000 + 2880
		36
		= Rm 4-13.33
•		
2.	Cp = RM 12,750	I = Br (n+1)
	r = 4% (reducing balance)	2 m
	I = RM 1,041.25	1,041.25 = 12,750 (0.04) (n+1)
		2(12).
	* Note: Since there was no	n+1 = 1,041.25 (24)
	downpayment made	(40.0) a25,c1
	the balance (B) is equal	n+1 = 49
	the balance (b) is equal to the cost (q).	n = 48 months. @ 4 years.
3.	Cp = RM 2,300 Un	ing Constant Ratio Formula
	DP = RM 600	Hill your fire of the year
	B = Rm 1,700	r = 2mI but $Rn = B+I$
	R = RM 100	B(n+1) $I = Rn - B$
	n = 18 months	= 2m(Rn-B)
	M = 12.	B (n+1)
	- to para est a minustra	= 2 (12) (100 (18) - 1700)
		1700 (18+1)
		= 0.074303405 a 7.43%
	00 000	70 00
4.		ii) I = IP - CP
	Dp = km 999	= 2049-1999 = km50
	B = RM 1,000	iii) I = Prt
	R = Rm 35	(ii) $I = Prt$ $50 = 1000 (r) (\frac{30}{12})$
	n = 30	
	m = 12 (monthly)	r = 0.02 @ 2%
	i) IP = Rn + DP	
	= 35(30) + 999	
	= Rm 2,049	
	-14 - 3 - 1	