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UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
(TAKE HOME)
SEMESTER II
SESSION 2019/2020**

COURSE NAME : BASIC ACCOUNTING
COURSE CODE : BPK 10403
PROGRAMME CODE : BIT
EXAMINATION DATE : JULY 2020
DURATION : 24 HOURS
INSTRUCTION : ANSWER ALL QUESTIONS
OPEN BOOK EXAMINATION

THIS QUESTION PAPER CONSISTS OF **THREE (3) PAGES**

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Q1 Emerald Sdn. Bhd. is a textile manufacturer. The trial balance of Emerald Sdn. Bhd. as at 31 December 2020 is as **Table Q1**:

Table Q1: Trial Balance for Emerald Sdn. Bhd. as at 31 December 2020

	RM	RM
Machine	3,000	
Patents	3,200	
Purchases	26,000	
Revenue		30,900
Rental expenses	4,400	
Wages and salaries expenses	1,600	
Tax payable		600
Miscellaneous expenses	340	
Drawings	1,000	
Bank overdraft		500
Motor vehicle	5,800	
Account receivable	610	
Account payable		1,000
Long-term loan		7,000
Cash	1,500	
Bank	8,000	
Prepaid rent	550	
Capital		16,000
Total	56,000	56,000

Additional information:

- Inventory as at 31 December 2020 was RM9,100.
- Additional drawings of RM200 cash was made but not recorded.
- Insurance of RM2000 was outstanding on 31 December 2020.
- On 31 December 2020, Emerald paid RM3000 for 2 months advance rental fees, using online banking.
- Depreciation of machine is 10% per annum.

Prepare:

- (a) A Statement of Profit and Loss for the year ending 31 December 2020. (10 marks)
- (b) A Statement of Financial Position as at 31 December 2020. (16 marks)

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- Q2** Deskjet Company sells car safety products in Kuala Lumpur. The company’s salespersons are paid basic salary plus a commission of RM 20 on each sale made by them. The selling price and expenses data as per **Table Q2**:

Table Q2: Selling Price and Expense Data for Deskjet Company

Items	RM
Selling price per product	100
Variable expenses per product:	
Invoice cost	50
Sales commission	20
Total variable expenses	70
Annual fixed expenses:	
Rent	55,000
Marketing	68,000
Salaries	100,000
Total fixed expenses	318,000

- (a) Determine the break-even point in units and RM. (3 marks)
- (b) Based on your calculations in **Q2(a)**, illustrate a Cost-Volume-Profit graph. (4 marks)
- (c) Calculate the net operating income if the company sells 20,000 car safety products in a year. (5 marks)
- (d) Determine the break-even point in units and RM, if commission is entirely eliminated and salaries are increased by RM70,000. (3 marks)
- (e) Compute the break-even point in units and RM, if the salesperson is paid an additional commission of RM10 on top of the pre-existing commission. (3 marks)
- (f) As an alternative to **Q2(c)**, Deskjet Company is planning to pay RM10 commission to the manager on each product sold in excess of break-even point.
- Calculate the effect of these changes on the net operating income or loss of the Deskjet Company if 30,000 products are sold in a year. (6 marks)

- END OF QUESTIONS -

