



FINAL EXAMINATION

COURSE : INTRODUCTION TO COST ACCOUNTING

COURSE CODE : PMA1123

DURATION : 2 HOURS

INSTRUCTION TO CANDIDATES:

1. This question paper consists of **THREE (3)** questions.
2. Answer ALL question in the Answer Booklet provided
3. Please check to make sure that this examination pack consists of
 - i. The Question Paper
 - ii. An Answer Booklet
4. Do not bring any materials into the examination hall unless permission is given by the invigilator.
5. Please write your answer using a ball-point pen.

NO. MYKAD : _____

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LECTURER : _____

SECTION : _____

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The question paper consists of 04 printed pages

MAR2024/C/PMA1123

1. (19 points)

X Games Sdn Bhd produces a variety of gaming tools. One of the components used in the gaming tools is a microchip. The company keeps its inventory based on First-In-First-Out (FIFO) method.

The company's record shows that 3,500 microchips at the beginning of December which comprises of 1,300 microchips priced at RM12 purchased in November, 700 microchips priced at RM10 purchased in October and the remaining microchips priced at RM8 purchased in September.

The following transactions took place in January the following year:

Date	Transactions
2	Issued 2,800 microchips to the production department.
5	Purchased 1,900 microchips at RM13 per unit.
8	Issued 1,400 microchips to the production department.
13	Purchased 4,200 microchips at RM12 per unit and received 10% trade discount.
16	Purchased 1,500 microchips at RM12.50 per unit.
19	Issued 1,800 microchips to the production department.
24	Issued 1,400 microchips to the production department.
27	Returned to supplier 1,800 microchips.

The physical stock count conducted at the end of the month showed that 350 microchips were obsolete.

Required:

Prepare a store ledger card for January.

(Note: Show all the calculations and round off your answer to two decimal points.)

2. (11 points)

Cake Couture Company manufactures cupcakes. The company is structured into three production departments: Mixing which is machine-oriented; Filling and Baking, which are both direct labour-oriented; while Store and Maintenance, serve as support departments. The following information is available concerning allocated and apportioned overhead costs for the Cake Couture:

	Mixing (RM)	Filling (RM)	Baking (RM)	Store (RM)	Maintenance (RM)
Allocated overheads	24,000	28,000	18,000	15,000	20,000
Apportioned overheads	16,000	6,400	5,400	10,400	7,600
<u>Additional information:</u>					
Maintenance hours	500	300	800	-	-
Machine hours	10,000	9,000	4,000	-	-
Direct labour hours	2,000	4,000	6,400	-	-
Material requisition	10,000	8,000	5,000	-	2,000

Required:

- Prepare an overhead analysis sheet and re-apportion the overhead of the service cost centers using the step-down method. (3.5 points)
- Calculate the overhead absorption rate (OAR) for each production department and determine over or under absorption based on the actual data below. (Round off your answer to two decimal points). (7.5 points)

	Mixing	Filling	Baking
Actual Overheads (RM)	58,500	57,000	42,000
Direct labor hours	3,000	5,000	6,000
Machine hours	10,300	5,000	2,500

(Note: Show all the calculations and round off your answer to two decimal points.)

3. (20 Points)

Sedap Bakery produces and sells cakes. The production process involves two departments: Mixing and Baking. The mixing department operations are heavily performed by machines while baking operations rely on labour hours. The estimated data for the bakery were as follows:

	Mixing	Baking
Overhead	RM26,800	RM46,200
Direct labour cost	RM9,800	RM52,000
Direct labor hours	2,000	7,000
Machine hours	4,000	2,300

In February, the bakery received an order from customer for 30 boxes of premium cheese cake coded as Job CC20. The job incurred the following cost:

	Mixing	Baking
<u>Direct materials:</u>		
Crackers (RM6 per pack)	40 packs	-
Cream Cheese (RM14 per 250gm)	8kg	-
Whipping Cream (RM10 per pack)	10 packs	-
Milk (RM8 per litre)	15 litre	
<u>Direct labour hours:</u>		
Skilled (RM12 per hour)	4	19
Semi-skilled (RM7 per hour)	4	6
Machine hours	12	45

Additionally, Sedap Bakery incurred a designer fee to design the cake and a special mold to bake the cake at a cost of RM100 respectively. It is the bakery's policy to charge 20% administration expenses on prime cost and 25% selling expenses on production cost. Profit policy is 40% mark-up on total cost.

Required:

- Calculate predetermined overhead rate for mixing and baking department. (2 points)
- Prepare Job Cost Sheet for Job CC220 and calculate cost per box of cheese cake. (16.5 points)
- Calculate the selling price per box of cheese cake. (1.5 points)

(Note: Show all the calculations and round off your answer to two decimal points.)

END OF QUESTION PAPER