

CERTIFIED ACCOUNTING TECHNICIAN RNOV2022ICPASTAGE 1 EXAMINATIONS

21CPARNOV202 S1.2: PRINCIPLES OF COSTING

PARNOV2022ICPAIMARKING GUIDE AND MODEL ANSWER

PARNOV2022ICPARNOV2022ICP**DATE: 28 NOVEMBER 2022** V2022I

NOV2022ICPARNOV	V2022ICPARNOV202 V2022ICPARNOV202	2210 MARKING	GUIDE 20	J22ICPARNOV2022IC	PARNOV2022
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Model Answers

OUESTION ONE

Option B is correct, Cash transactions occur when a payment is made or received immediately. A cash transaction is not limited to payments or receipts made in notes, and coins, they are also made by cheques, debit cards, or automated payments. What is important is the timing of the payment or receipt.

Other options are not correct as indicated below: 20

Credit transactions are transactions in which goods and/or service are given/received now while the payment was agreed to be made or received at future date.

Capital transactions relate to the purchase/sale of items that are to be used in the business for a considerable period of time rather than being purchased for immediate use or resale.

Hence the correct answer should be (B) as the payment was made by cheque immediately at the time of the purchase. If fridges were purchased for use in the business rather than resale, the transaction would have been treated as a both a cash and a capital transaction and gave rise to correct answer as (D).

The transaction is not a **credit transaction** as the payment was affected immediately at the time the purchase transaction took place. This would have been treated as **credit transaction** if the payment was made at the later date compared to the time the purchase took place.

QUESTION TWO

Option C is correct, Management accounting information is needed for a variety of purposes. Among the purposes of management accounting information, the key purpose includes decision planning, controlling and decision making. Controlling enables management to control costs within an organization.

All the proposed options excluding (C) are objectives of management accounting. However, the main objective is to facilitate the management to control the costs within the business organization. (C) is not correct as the management accounting information is provided by management accounting to internal stakeholders rather than external. The provision of information to shareholders for decision making is concerned with the financial accounting. Hence option C is not correct.

OUESTION THREE

Option C is correct, Preparation of financial statements to guide decision making is one of the objectives of financial accounting rather than cost accounting.

Other options relate to objective of management/cost accounting and could not be correct answers for question asked.

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OUESTION FOUR

Option C is correct, Management accounts are prepared for internal stakeholders while financial accounts are prepared for external stakeholders.

This statement is **correct** as the one of key elements that distinguish management accounting from financial accounting is that the financial accounting has an external focus involving in reporting accounting and other information to those outside the business such as investors, lenders and other regulatory authority. While financial accounting has external focus, Management accounting has an internal focus involving in reporting accounting and other information to those inside the business such as managers.

The other suggested options are not correct as follows:

Option (A) would be correct if the negative element "not" was excluded from the statement.

Option (B) is not correct as it was reversed in the sense that where there should be management accounting was indicated as financial accounting and vice versa.

Option (D) would be correct if the negative element "**not**" was excluded from the first statement (**A**). V2022ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARN

QUESTION FIVE

Option C is correct, Management accounting takes information on past transactions and use it to provide people inside the business with regular and focused financial information in order to run it efficiently today and into the future.

Option (A) would be the correct answer for bookkeeping.

Option (B) would be the correct answer for financial accounting

Further, option (**D**) is not correct as the first statement which is not correct about management accounting was combined with third option (C) which is correct about management accounting.

OUESTION SIX

Option B is correct, Prime cost is the total of Direct material, Direct labor, and Direct expenses Note that indirect materials + Indirect wages + Indirect expenses = Overheads. Hence, if **overheads** were requested, the option (**C**) would be the correct answer.

Option (A) is not correct as it includes indirect expenses rather than direct expenses.

QUESTION SEVEN

Option C is correct, Prime cost = Direct material + Direct labor + Direct expenses

The prime cost is obtained by adding together the direct material cost incurred for material used/consumed to make the product, direct labor cost and the direct expenses (Manufacturing overheads). Hence the prime cost for the product K is computed as follows:

RNOV2022ICPARNO V2022ICPARNO V2022ICPARNO	ve0221Cparnov20221Cparnov20221Cpara"FRW";
RNOV2022ICPARNO V2022ICPARNO V2022ICPARNO	v20221Cparnov20221Cparnov20221Cparn FRW" ;
Cost of direct material consumed: 022ICPARNO	v20221CPARNOV20221CPARNOV20221CPAR 900,000

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I	Total direct costs (Prime cost) V2022ICPARNOV	20221CPARNOV20221CPARNOV20221CPA 1,700,000 10	
VI	Add: Direct expenses	10221CPARNOV20221CPARNOV20221CPAR 200,000	
I	Add: 022Direct labor cost PARNOV2022ICPARNOV	2022ICPARNOV2022ICPARNOV2022ICPAR 600,000 I	

Hint: The cost of material consumed was used in computation instead of that of purchased materials as all material were not consumed to produce the 500 unit of the product. Hence option (C) is the correct answer.

The candidate will get the correct answer to be the option (**A**) would if the candidate mistakenly used the direct material purchased instead of used in computation of the prime cost: FRW 1,000,000 + FRW 600,000 + FRW 200,000 = FRW 1,800,000

The option (B) would be the correct answer if the total production cost was requested. (Production cost= Prime cost + Manufacturing overheads): FRW 900,000 + FRW 600,000 + FRW 200,000 + FRW 300,000 = FRW 2,000,000

The option (D) would be appropriate answer if the total production cost for a product was requested and the candidate mistakenly used the direct material purchased instead of used in computation in computation of the total production cost: FRW 1,000,000 + FRW 600,000 + FRW 200,000 + FRW 300,000 = FRW 2,100,000.

OUESTION EIGHT

Option B is correct. The factory overhead is calculated as indirect material + indirect labor + indirect expenses.

Option (A) would be the correct answer if the Prime cost was requested as the Prime cost is found as direct material + Direct labor + direct expenses OZZICPARNOVZOZZICPARNO

Option (C) and (D) are not the correct answer as some component of both the prime cost and the factory overheads were mixed and could not give factory overheads in a mixed way.

QUESTION NINE

B. Apportionment of cost of maintaining factory buildings to respective departments are as follows: 21CPARNOV2022ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPA

Cutting and assembling [8,000,000*12/14] NOV2022ICPARNOV2022ICPARNOV2022ICPARNOV2022ICI,142,857.142.86

The option (A) is not correct because the floor space was misallocated to departments whereby the floor space for cutting and assembling was allocated to polishing and painting and vice versa (FRW 8,000,000*200/1,400 and FRW 8,000,000 *12,000/14,000= FRW 1,142,857.14 and FRW 6,857,142.86.

The candidate will get the option (C) to be the correct answer if machine hours was used to apportion the cost to departments instead of floor space (FRW 8,000,000*200/250 and FRW 8,000,000*50/250 = FRW 6,400,000 and FRW 1,600,000.

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Option C is not correct as during the allocation total cost was used which include indirect labor cost of FRW 4 million yet maintenance cost was only to be apportioned using square meters.

Option D, the allocation was done equally by taking maintenance cost and divide number of departments i.e 2, yet the apportionment basis was square meters of factory floor LICPARNOV202210

OUESTION 10

Option A is correct, Apportionment of indirect cost to respective department is done as follows:

RNOV2022ICPARNOV2022ICPARNOV2022ICPARNOV2022ICPARNOV2022ICPARNOV2	022ICPARROV2022
Assembly department 221/4,000,000*200/250 NOV20221CPARNOV20221CPARNOV2	022103, 200,0002
Testing department ²⁰²² 4,000,000*50/250 RNOV2022ICPARNOV2022ICPARNOV2	800,000

Option B considered direct cost of FRW 2,000,000 during the allocation of overheads yet direct cost aren't part of overheads NOV2022ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPA

Option C, the overheads were misallocated, the assembly cost was miss allocated to testing and vice-versa

Option D, the indirect cost of FRW 4 million was divided equally to two department without considering apportionment basis

QUESTION 11

Option C is correct, A classification of cost involves classifying the cost by element into materials, labor and expenses/overheads then each can be classified further by nature into direct or indirect. At the of classification, costs will be classified as **Direct and indirect materials**, **Direct and indirect labor**, then **Direct and indirect expenses/overheads**. Hence option (C) is the correct answer for the question asked.

Option (A) would be correct answer if it was requested to classify cost by element

Option (B) could not be the correct answer as it mixed some of costs when classification by element and those when classification was made by function. V2022ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARN

Further, **option** (**D**) distribution cost was not incurred and this classification doesn't give correct way to understand costing purpose.

OUESTION 12

Option C is correct. A cost is classified as variable if the activity changes and the total cost in exactly the same way. Hence **Category 1** is classified as variable cost as it is made of food and ingredients to be used to cook food. If the volume of food to be cooked change, the volume and their related cost changes in the same way. They are treated as raw materials.

Other categories are made of fixed costs. Their total cost stays the same even though the level of activity changes. However, they can vary in the long run at the time the business expands.

Hence other options are not the correct answer as they are made of fixed cost (**D**) or combine fixed and variable cost (**A**, **B**).

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QUESTION 13

Option C is correct. The budgeted variable cost per unit was FRW 1.20 as per workings below:

Total actual output of 162,500 units produced at FRW 300,000

Budgeted fixed cost which remained constant at the end of production: FRW 87,000.

Excess of actual spending over the budgeted: FRW 18,000

Hence, the budgeted variable cost is calculated as follow

NOV 2022ICPARNO V 2022ICPARNO V 2022ICPARNO V 2022ICPAR NOV 2022ICPARNO V 2022ICPARNO V 2022ICPARNO V 2022ICPAR	NOV2022ICPARNOV2022ICPARNO FRW NOV2022ICPARNOV2022ICPARNOV2022I
Total actual cost v2022ICPARNOV2022ICPARNOV2022ICPAR	NOV2022ICPARNOV2022ICPAR 300,000
Less actual fixed costs CPARNOV2022ICPARNOV202ICPAR	NOV2022ICPARNOV2022ICPAR (87,000)
Total actual variable costs (Balancing figure) 0221CPAR	NOV2022ICPARNOV2022ICPAR 213,000
Less overspending of total cost compared to the budget	NOV2022ICPARNOV2022ICPAR (18,000) NOV2022ICPARNOV2022ICPARNOV2022I NOV2022ICPARNOV2022ICPARNOV2022I
Total budgeted variable costs V2022ICPARNOV2022ICPAR	NOV2022ICPARNOV2022ICPAR1 195,000 I
Actual output NOV2022ICPARNOV2022ICPARNOV2022ICPAR	NOV2022ICPARNOV2022ICPAR162,500
Budgeted variable cost per unit FRW 195,000/162,500 AR	NOV2022ICPARNOV2022ICPARNOV21:21

If the candidate chooses **option A** to be the correct answer, it implies that overspending of actual variable cost of **FRW 18,000** compared to the budget was not considered. Hence, he considered actual variable costs as budgeted variable costs

If the candidate chooses **option B** to be the correct answer, it implies that the overspending was overspending of actual variable cost of FRW **18,000** compared to the budget was wrongly treated as an underspending.

If the candidate choose **option D** to be the correct answer, it implies that the fixed cost were omitted from computation of the total budgeted variable costs. i.e (FRW 300,000 - FRW 18,000)/162,500 = 1.74

OUESTION 14

Option B is correct. The variable cost per unit was FRW 15,500.

The variable cost per unit can be found using a **High-Low method** used to estimate variable and fixed part of semi-variable cost.

Therefore, the variable cost per unit can be estimated as

Cost at high level of activity — Cost at low level of activity

Total unit at high level of activity — tota unit at low level of activity

Hence the variable cost per consultation is estimated as

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$$\frac{FRW289,125,000 - FRW\ 269,750,000}{5,750 - 4,500} = FRW\ 15,500$$

If the candidate chooses (**A**), it implies that only both overheads and number of units at **high** level of activity were considered to derive the variable cost per unit: FRW 289,125,000/5,750 units=**FRW 50,283 per unit.**

If the candidate chooses (**C**), it implies that only both overheads and number of units at **low** level of activity were considered to derive the variable cost per unit: FRW 269,750,000/4,500 units= FRW 59,944 per unit.

If the candidate chooses option (**D**), it implies that the variable cost per unit was wrongly computed by taking the average [(Cost at low level of activity + Cost at high level of activity)/ (Number of units at low level + Number of units at high level)] = [(FRW 269,750,000+ FRW 289,125,000)/(4,500units+5,750units)] = FRW 558,875,000/10,250 units = **FRW 54,524/unit**.

QUESTION 15
Option B is correct. The cost per one cartridge will be FRW 5,016.67 as per workings below:

Details ICPARNO V 2022 ICPAF	Amount in FRW 000 ARNOV2022ICPA	RNOV2022ICPA frw 000
Variable cost	2,500 *12(output) CPARNOV20221CPA	NOV20221CPAR 30,000
Rent cost PARNO V2022ICPAF	2,000*12 (Months) CPARNOV2022ICPA	ARNOV2022ICPARN 24,000 I
Depreciation	INC 5,000 PARNOV2022ICPARNOV2022ICPA	knov2022iCPARNO5,000
Supervision cost V2022ICPAR	100*12 (month) 221CPARNOV20221CPA	rnov20221cparno 1,200 1
Total production cost CPAI	NC V2022ICPARNOV2022ICPARNOV2022ICPA	RNOV2022ICPARN 60,200 I
Unity produced	INC V 2022I CPARNO V 2022I CPARNO V 2022I CPA V NC V 2022I CPARNO V 2022I CPARNO V 2022I CPA	RNOV2022ICPARN 12,000
Total cost /cartridge21CPAR	nc 60,200/12 nov20221CPARNOV20221CPA	RNOV2022ICPAR 5,016.67 I

If the candidate choose **option** (**A**) as the correct answer, implies that direct expenses were omitted from calculation. Hence the total unit cost will be derived as [(FRW 1,000+1,400)*12,000 + FRW 24,000,000 + FRW 5,000,000 + FRW 1,200,000]/12,000 units = FRW 4,916.67/ unit

The candidate will choose **option** (C) if depreciation cost was ignored from computation of the unit cost. Hence the total unit cost will be derived as [FRW 30,000,000 + (FRW 2,000,000*12) + FRW 1,200,000]/12,000 units = **FRW 4,600 /unit.**

Option D compute total cost per unit after adjusting units by 20% projected next year:

i.e =
$$\frac{Frw\ 60,200,000}{12,000*1.2}$$
 = $FRW\ 4$, 180. 55

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OUESTION 16

Option C is correct. The cost per one cartridge will be FRW 4,680.5 as per workings below:

Details ICPARNOV2022IC	PALNOV2022ICPARNOV2022ICPARNOV2022I	CPARNOV2022ICPA FRW 000
Variable CPARNO V2022ICI	2,500 *14.4(output) 221CPARNOV2022	CPARNOV2022ICPARN36,000
Fixed rentPARNOV2022ICI	PAI 2,000*12 (Months) 0221CPARNOV20221	CPARNOV2022ICPARN 24,000 I
Depreciation	PA 5,000 22 CPARNO V 2022 CPARNO V 202	CPARNOV2022ICPARNO5,000
Supervision cost V20221CI	PAR 100*12 month * 2 supervisors V2022	CPARNOV2022ICPARNO 2,400 i
Total production cost	PARNOV2022ICPARNOV2022ICPARNOV2022I	CPARNOV2022ICPARN 67,400 I
Total cost /cartridge	67,400/14.4 RNOV20221CPARNOV2022	PARNOV 2022 I CPAR 4,680.5

If the candidate choose **option** (**B**) as the correct answer, implies that direct expenses were omitted from calculation. Hence the total unit cost will be derived as [(FRW 1,000+1,400)*14,400 + FRW 24,000,000 + FRW 5,000,000 + FRW 1,440,000]/14,400 units = FRW 4.513.88/ unit

If the candidate choose **option** (**A**) as the correct answer, implies that the candidate did not consider the cost of second supervisor yet the activity level reached the level needed to hire the second supervisor. Hence the total unit cost will be derived as FRW 36,000,000 +FRW 29,000,000 + FRW 1,200,000]/ 14,400 units = FRW 66,200,000/ 14,400 units = FRW 4,597.22/ unit

The candidate will choose option (D) if depreciation cost was ignored from computation of the unit cost. Hence the total unit cost will be derived as (FRW 36,000,000 + FRW 24,000,000 + FRW 1,440,000)/14,400 units = **FRW 4,266.66 /unit**

QUESTION 17

Option A is correct, some areas of the business incur the costs, but also earn income. As income minus cost result in profit, these areas are known as profit centres. Managers in these centres are responsible of both costs incurred and revenues earned which ends in profit. Hence a profit centre manager has the responsibility of generating and maximizing profits.

If the candidate chooses **option** (**B**), this wants to describe an investment centre whereby responsible manager is responsible of calculating how much to be invested in respective areas or project and assessing whether these projects will generate an adequate return on investment.

If the candidate chooses **option** (C), this will describe a cost centre. A cost centre is a centre which incurs costs only. As this centre incurs costs only, the centre manager is responsible for managing costs such that they can be minimized but without compromising the quality of output.

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QUESTION 18

Option B is correct, Profit centres are areas of the business that incur the costs, but also earn income? 2ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV

Hence, firms that manufacture and sell their products to market has various retail shops where products are sold and costs of products and revenue generated from them as well as profits ascertained. These retail shops are called profit centres. Hence **option** (**B**) is the correct answer. If the candidate chooses from other options, he/she want to describe cost centres.

QUESTION 19

Option D is correct, there is no correct answer in the suggested options

If candidate choose option (B), he/she is describing revenue centre

If the candidate chooses option (C), he/she is describing an investment centre

POPTION (A) will be the correct answer if the negative "**not**" is removed from the statement and by only. ARNOV2022ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202I

Note: Candidate should read carefully the proposed options to be able to identify which option/s is/are correct as per the requirement. 21CPARNOV2022ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202

OUESTION 20

Option B is correct. The room servicing cost per occupied room-night was FRW 25,000.

For our scenario, the room servicing cost was apportioned to different rooms on the basis of occupancy rate.

The number of rooms occupied = 40*80% = 32 room-nights

The room servicing cost per occupied room-night last period is calculated as FRW 800,000/32=FRW 25,000/room-night

If the candidate chooses option (A), he/she mistakenly omitted to consider the percentage of room occupied and consider that all rooms were occupied. Hence the servicing cost for occupied room calculated as FRW 800,000/40 rooms= FRW 20,000/room-night

The candidate who chose **option** (**C**) had wrongly computed the number of occupied rooms as total rooms servicing costs multiply with percentage of occupancy

For option D, FRW 80,000 represent total cost not occupancy cost per room

QUESTION 21

Option B is correct, under coding system, various methods of coding data exist such as alphabetic, numeric, and alpha-numeric coding system and each business will have its own coding structure that can best suit its transactions and operations. However, though a purely alphabetic coding systems may also be used, it tends to be rather confusing to use as it uses only letters to code various data. This might be difficult to classify data. Hence **option (B)** is the correct answer for the question.

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If the candidate chooses **option** (A), numeric coding systems are common methods of coding date and easy to use not confusing.

Option C, Numeric and alpha-numeric coding systems are the most common in practice and in assessments. The negation i.e not made it incorrect option NOV2022ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202

OUESTION 22

Option B is correct. A good coding system will possess both of the following features:

- Each item should have a unique code
- NO Codes re uniform in structure and length NO V20

If the candidate chooses option (A), he/she is trying to indicate type of coding system not features for each good coding system.

Option (C) will be the correct answer if the negative statement "**not**" was not included in the option. 22ICPARNOV202ICPARNOV2022ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARN

OUESTION 23

Option C is correct, In a manufacturing business, there are three type of inventories such as inventory of raw materials, inventory of works –in- progress and inventory of finished goods. For our case an inventory of raw materials is made of A, B, and C as it is made of various materials /ingredients used to be used while making cookies which are fresh and yet to be processed. Hence **option (C)** is the correct answer to the question.

If the candidate chooses **option** (**D**), he /she is referring to the inventory of finished goods as production was completed and they are ready for delivery.

The candidate who chooses **option** (**B**) is describing both the inventory of both works in progress and finished goods altogether. This is because produced cookies awaiting the quality check are considered to be works in progress as they are not yet ready for delivery to be qualified as finished goods.

The **option** (**A**) could not be correct as it mixed inventory of raw materials with the one of finished goods.

OUESTION 24

Option A is correct, Raw material inventories are kept by manufacturers so that materials are available for transfer to production lines when they are needed.

The candidate will choose the **option** (**B**) when it was asked the type of inventory of finished goods. This can be found in both manufacturing and trading industries. Only inventory of finished goods is found in trading business such that they can be sold without further modification.

Option (**C**) and (**D**) could not be the correct answer as though store ledger accounts held by the accounts department are not very similar to inventory cards, there are two important differences between the store ledger accounts and the inventory cards indicated below:

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- Cost details are recorded in the store ledger account so that the unit cost and the total cost of each issue and receipt is shown. The balance after inventory movement is also valued. The value is recorded as these accounts form part of cost accounting system.
- Store's ledger accounts are written up and kept in the costing part of the accounts department or in the store's office separate from the stores by a clerk experienced in cost bookkeeping

QUESTION 25

The following workings relates to question 25 and 26:

Date Oute Character Characte	Details NOV2022ICPARNOV2022ICPA NOV2022ICPARNOV2022ICPA	Quantity	Cost per unit in FRW	Value in FRW
01 May 2021	Opening balance V2022ICPA NOV2022ICPARNOV2022ICPA	R 1,000 0221C RNOV2022IC	FA 900) V2022ICPARNOV20 FARNOV2022ICPARNOV20	2 900,000) V2022I 21CPARNOV2022I
10-May-21	Receipts PARNOV2022ICPA	2,000 02210	850 v20221CPARNOV20	1,700,000
RNOV2022ICPAR RNOV2022ICPAR	Balance as at 10 may 2021	R3,000 0221C RNOV20221C	HARNOV2022ICPARNOV20 HARNOV2022ICPARNOV20	2,600,000 20221 21CPARNOV20221
15-May-21 AR NOV2022ICPAR	Nssues 21CPARNOV20221CPA NOV20221CPARNOV20221CPA	1,000 02210	900) v2022icparnov20 F850) v2022icparnov20	900,000
KNOV2022ICPAR Knov2022ICPAR Knov2022ICPAR	Balance as at 15 may 2021	1,500 0221C RNOV2022IC	HARNOV2022ICPARNOV20 HARNOV2022ICPARNOV20 HARNOV2022ICPARNOV20	1,275,000
25-May-21	Receipts PARNOV2022ICPA	R1,000 0221C	148700V2022ICPARNOV20	870,000 V2022I
KNOV2022ICPAR RNOV2022ICPAR RNOV2022ICPAR	Balance as at 15 may	2,500 _{0221C} RNOV2022IC	HARNOV2022ICPARNOV20 HARNOV2022ICPARNOV20 HARNOV2022ICPARNOV20	2,145,000 20221
28-May-21	Issues 21CPARNOV20221CPA	1,500	PA850 V2022ICPARNOV20	1,275,000 20221
LNOV20221CPAR PNOV20221CPAR	NO V 2022ICPARNO V 2022ICPA No V 2022ICPARNO V 2022ICPA	200	1870 V2022ICPARNOV20	174,000
RNOV2022ICPAR	Closing balance/2022ICPA	R 800 V2022IC	PA 870 DV2022ICPARNOV20	696,000 V20221
NOV2022ICPAR	Cost of stock issued	3,200	PARNOV2022ICPARNOV20	2,774,000

Model Answer for Question 25

Option B is correct, the value of closing stock under FIFO will be FRW 696,000

The option (A: FRW 720,000) will be the correct answer if it was requested to estimate the value of closing stock using LIFO. Refer to working shown under Question 27

If the student chooses the option C, he/she suggest that average method was used as shown below

RNOV2022ICPARNOV202	22ICP FRW V2022ICPARNOV2	Unity price2022ICPAR	FRW2ICPARNOV2022I
Opening CPARNOV202	22ICPARNOV2022ICPAI <mark>1,000</mark>	0221CPARNOV20221C900	10V2022ICPAR 900,000
Purchase PARNOV202	221CPARNOV20221CPAI 2,000 2	0221CPARNOV20221 .850	NOV2022ICPA 1,700,000
R Total)221CPARNOV202	22ICPARNOV2022ICPAI 3,000 2	022ICPARNOV2022ICPAR	NOV2022ICPA 2,600,000
Issue 0221CPARNOV202	221C ARNOV20221CF 221C PARNOV20221CF (1,500) ₂	867 (Average)	(1,300,500)

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Balance ICPARNO V 2022I	CPARNOV2022ICPAH ,500 2)22ICPARNOV2022ICPAR)	1,299,500 I
Purchase	CPARNOV2022ICPAR 1,000	1221CPARNOV20221 870	870,000
Balance ICPARNOV2022I	CPARNOV20221CPA1 2,500 2	221CPAR867.8 average	NOV2022ICPA 2,169,500 I
Issue OZZICPARNO VZOZZI	C ARNOV2022ICF (1,700)	221CPARNOV202 867.8	(1,475,260)
Closing stockNOV20221	CPARNOV2022ICPARN8002)221CPARNOV2022 867.8 ()	10V2022ICPAR 694,240 1

Option D is the opening stock as at 01 May 2021 not closing stock [CPARNOV]

OUESTION 26

Option C is correct, the value of stock issued is estimated at **FRW 2,774,000** when FIFO was used.

If the candidate chooses (A: FRW 2,750,000), he/she estimated the value of stock issued using LIFO instead of FIFO as requested. Refer to working under answer 28

If the student chooses the option (B: FRW 2,477,000), he/she reversed numbers while interpreting the final result after computation.

Option D is the value of cost of good issued using average method: i.e 1,300,500 + 1,475,260 = 2,775,760

QUESTION 27

Option A is correct, the value of closing stock estimated using LIFO is FRW 720,000.

As shown below

ANO V 2022ICPARINO V 2022. RNOV2022ICPARNO V 2022.	Qty _{NOV2022} ICPARNOV	Unit price	Closing stock
RNOV2022ICPARNOV2022	CPARNOV2022ICPARNOV	2022ICPARNOV202 FRW R	NOV2022ICPARNO FRW
Opening stock	CPARNOV2022ICPA,000	20221CPARNOV20221900 20221CPARNOV20221900	NOV2022ICPAR 900,000
PurchaseCPARNOV2022	CPARNOV2022ICP.2,000V	20221CPARNOV20221 850 R	NOV2022ICPA 1,700,000
Total 221CPARNOV2022	CPARNOV2022ICP 3,000	2022ICPARNOV2022ICPAR	2,600,000
Issue _{022ICPARNOV2022}	CPARNOV20221C(1,500)	20221CPARNOV20221 850 R	NOV2022ICI(1,275,000)
Balance after issue	CPARNOV2022ICP41,500V	2022ICPARNOV2022ICPAR	NOV2022ICPA1,325,000
Purchase CPARNOV2022	CPARNOV2022ICPA,000	20221CPARNOV20221 870 20221CPARNOV20221 870 R	NOV2022ICPAR 870,000
Balance ICPARNOV2022	CPARNOV2022ICP-2,500V	2022ICPARNOV2022ICPAR	NOV2022ICPA 2,195,00 0
Issue on 28 May 2021	CPARNOV2022IC (1,000)	20221CPARNOV20221870R	(870,000)
RNOV2022ICPARNOV2022	CPARNOV2022ICP/(500)V	2022ICPARNOV2022I 850 R	NOV2022ICPA (425,000)
NOV2022ICPARNOV2022	CPARNOV2022ICP (200)	2022ICPARNOV2022I 900 R	NOV2022ICPA (180,000)
Balance as at 28 May	CPARNOV2022ICPARNOV	2022ICPARNOV2022ICPAR 2022ICPARNOV2022ICPAR	NOV2022ICPAR 720,000
2021/Closing stock 22	CPARNOV2022ICPARNOV	2022ICPARNOV2022ICPAR	NOV2022ICPARNOV2022

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If the candidate choose **option** (**B: FRW 696,000**), he/she estimated the value of closing stock using FIFO instead of LIFO as requested.

If the candidate choose option (**C: FRW 2,195,000**), he/she forgotten to include the second issue of FRW 1,700kg equivalent to FRW 1,475,000.

Hence closing stock will be **FRW 2,195,000** which is the closing stock as at 15 May 2021 as issue of stock subsequent to this date was omitted in computation of closing stock. Or 720,000+FRW 1,475,000= **FRW 2,195,000**.

For option D, FRW 694,240 represent closing stock when average method was used

QUESTION 28

Option C is correct. The cost of issues is estimated to FRW 2,750,000 if LIFO was used.

Option A represent cost of issues under FIFO method

If the option (B: FRW 696,000) is chosen, it implies that the candidate computed the value of closing stock using FIFO instead of computing the value of issues using LIFO.

Workings are indicated in the table below: OV2022ICPARNOV20

RNOV202	21CPARNO V 2022 21CPARNO V 2022	QTY OV2022ICPARNOV	Unity Price	Value 21CPARNOV202210
Issue or	n 15 May 2021	C1,500 OV2022ICPARNOV	2 850 CPARNOV2022ICPAR	N1,275,000PARNOV2022I
Issue or	n 28 May 2021	CPARNOV2022ICPA,000	2022ICPARNOV2022I870R	NOV20221CPAR 870,000
RNOV202.	2ICPARNOV2022 2ICPARNOV2022	CPARNOV2022ICPARNOV	20221CPARNOV20221 850 R	NOV20221CPAR 425,000 I
RNOV202	2ICPARNOV2022	CPARNOV2022ICPAR200V	2022ICPARNOV2022I 900 R	NOV2022ICPAR 180,000 I
RNOV202:	zicparno v 2022 2ICPARNO V 2022	CPARNOV2022ICPARNOV CPARNOV2022ICPARNOV	2022ICPARNOV2022ICPAR 2022ICPARNOV2022ICPAR	NOV2022ICPA2,750,000

Option D, represent cost of goods purchased not issued i.e 2,000*850 + 1,000*870 = 2,570,000

QUESTION 29

Option C is correct. The value of closing stock as at 15 May 2021 is estimated at **FRW 1,299,995** using the AVCO. V2022ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV

Workings

J	Date ⁰²² ICPAR	Details CPARNOV2022ICPARNO	Quantity	Cost per	Value in	Average 0221
A.I.	(NOV2022ICPARI Pnov2022ICPARI	VO V 2022 I CPARNO V 2022 I CPARNO JOV 2022 I CPARNO V 2022 I CPARNO	V2022ICPARI V2022ICPARI	unit in	FRW	price per
J	NOV2022ICPARM	OV2022ICPARNOV2022ICPARNO	V2022ICPARI	FRW 21CF	ARNOV2022I	cunit _{NOV20} in ₁
J	RNOV2022ICPARI	OV2022ICPARNOV2022ICPARNO	V2022ICPAR	NOV2022ICF	ARNOV2022I	FRW OV2022I
A.I	01 May 2021	Opening balance	1,000 PAR	900	900,000	900
J	10-May-21AR	Receipts PARNOV2022ICPARNO	2,000 CPAR	850022ICF	A1,700,00 21	CPARNOV2022I
I	RNOV2022ICPARI	OV2022ICPARNOV2022ICPARNO	V2022ICPAR	NOV2022ICF	Anov2022I	CPARNOV2022I
A.	KNOV2022ICPARI KNOV2022ICPARI	Balance as at 10 may 2021	3,000 PAR	NOV2022ICE NOV2022ICE	2,600,00	866.67
I	RNOV2022ICPARN	NOV2022ICPARNOV2022ICPARNO	V2022ICPAR	NOV2022ICF	A Q nov2022I	CPARNOV2022I

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J	Date 022ICPARI	Details CPARNOV2022ICPARNO	Quantity	Cost per	Value in	Average 0221
J	NOV2022ICPARI	NO V2022ICPARNO V2022ICPARNO JOV2022ICPARNO V2022ICPARNO	V2022ICPAR V2022ICPAR	unit in	FRW	price per
J	NOV2022ICPARI	OV2022ICPARNOV2022ICPARNO	V2022ICPAR	FRW21CI	ARNOV2022I	cunit _{NOV2} in I
	NOV2022ICPARI	OV2022ICPARNOV2022ICPARNO	V2022ICPAR	NOV2022ICE	ARNOV2022I	FRW OV2022I
	15-May-21	Issues	1,500	866.67	1,300,00	CPARNOV2022I CPARNOV2022I
J	NOV2022ICPARI	OV2022ICPARNOV2022ICPARNO	V2022ICPAR	NOV2022ICE	A 5 (NOV2022I	CPARNOV2022I
J	RNOV2022ICPARI	Balance as at 15 may 2021	1,500 CPAR	NOV2022ICI	1,299,99	866.67 V20221
	RNOV2022ICPARI RNOV2022ICPARI	NOV2022ICPARNOV2022ICPARNO Nov2022ICPARNOV2022ICPARNO	V20221CPAR V20221CPAR	NOV2022ICE NOV2022ICE	ARNOV 2022I ARNOV 2022I	CPARNOV20221 CPARNOV2022I

The average price per unit under AVCO is calculated as:

Total value of existing inventory + Total value of unit added to inventory

Total number of units of existing inventory Total number of units added to inventory

Hence the unit price used while computing the value of issues as at 15 may 2021 was computed as follows: PARNO V2022 PARNO V20

<u>FRW 900,000 + FRW 1,700,000 = FRW 866.67 /Kg</u> 1,000 Kgs + 2000 Kgs

Hence the closing stock will be found by subtracting stock as at 10 May 2021 issues of 15 may 2021 as: FRW 2,600,000 – FRW 1,300,005=FRW 1,299,995.

If candidate choose option (A: **FRW 1,275,000**), the FIFO was used to estimate the value of closing stock instead of AVCO as required. Hence closing stock was FRW 850*1,500= **FRW 1,275,000.**

If candidate choose option (B: **FRW 1,325,000**), the LIFO was used to estimate the value of closing stock instead of AVCO as required. Hence closing stock was FRW 900*1,000 +FRW 850*500= **FRW 1,325,000**.

OUESTION 30

Option C is correct. Umubaji had to pay to the carpenter Murava in week 2 of the month of May 2020 an amount of **FRW 81,600** as per workings below:

Basic hours at time -rate: FRW 1,500 *40 60,000

Overtime hours at overtime –rate: FRW 12 *1,800 21,600

Gross wage for the week 2 81,600

The candidate who chooses option (A: FRW 60,000) did not consider overtime hours worked by Murava. Hence the pay was computed as FRW 1,500*40= FRW 60,000 NOV2022ICPARNOV2022I

The candidate who chooses option (**B: FRW 78,000**) did not consider overtime rate and remunerated Murava based on normal rate. Hence the pay was computed as FRW 1,500*52= **FRW 78,000**.

For candidate who chooses option D, the candidate considered total hours worked at an overtime rate i.e 52*1,800 = 93,600

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QUESTION 31

Correct answer is A, as shown here: hired carpenters was 10, Murava was among and worked overtime and instructions was not to consider him. Then pay to the remaining 9 carpenters for one week is: 9*40*1,500 = 540,000

For students who chooses option B, they got it wrong as this represents total pay including the one for Murava at normal rate i.e overtime pay rate for Murava not considered 10*40*FRW 1,500 = 600.000

For students who chooses option C, they got it wrong as this represents total pay for 10 carpenters including the one for Murava i.e (40*9*1,500) + 81,600 = 621,600 CPARNOV2022ICPARNOV202ICPARNOV2

Option D, is wrong as the rate used to compute pay was overtime rate for 9 carpenters i.e 40*9*FRW1.800 = FRW 648.000

OUESTION 32

Option C is correct. Mubumbyi was to be paid FRW 205,200 while Murava was to be paid **FRW 292,800** as per workings below:

As Mubumbyi did not reach the minimum production, the rate per brick will be reduced to **FRW 108/brick** (120*90%). Hence the total wage to be paid to Mubumbyi was to be computed as 1,900 *108= **205,200**

As Murava produced above the required level, the payment was to be computed as

For the first 2,000 bricks produced, 2000*120	CPARNOV2022IC 240,000
For bricks produced after 2000 bricks, 400*(120*110%)	CPARNOV2022ICPA 52,800 (
Total to be paid V2022ICPARNOV2022ICPARNOV2022ICPARNOV2022I	CPARNOV2022ICI 292,800

The candidate who chooses option (A) ignored the close for producing above and below the minimum level. Hence pay was 1,900* FRW 120 = FRW 228,000 for Mubumbyi and 2,400*FRW 120 = FRW 288,000 for Muraya.

The candidate who chooses option (B) wrongly paid Mubumbyi at an overtime rate yet he did not produce above expected minimum quantity. Hence Mubumbyi was paid as 1,900* (FRW 120*110%) = 1,900*FRW 132= FRW 250,800.

OUESTION 33

Option C is correct. Mubumbyi will be paid an amount of **FRW 240,000** if the production of 2,000 bricks was achieved as per workings below: 221CPARNOV2022ICPARNOV202ICP

Mubumbyi will be paid at the normal rate due to that the production was at the required minimum production. Hence the payment will be **240,000** (FRW 120*2,000).

If option (A) is chosen, the candidate considered that Mubumbyi was paid at an overpay rate including 10% yet the production did not exceed required production. i.e 2,000*FRW120*110% = FRW 264,000

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If **option** (**B: FRW 216,000**) is chosen, the candidate considered that Mubumbyi was penalized for not achieving the minimum production yet it was achieved at 2,000 cements bricks. Hence the pay was to be 2,000*FRW 108 = **FRW 216,000**.

OUESTION 34

Option B is correct. Overheads refers to all indirect costs incurred during the production of a given product within a manufacturing firm RNOV2022ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICP

The candidate who chose the option (A) was describing prime cost.

The candidate who chose the option (C) was describing production cost.

The candidate who chose the option (D) was describing part of component of prime cost and not overheads.

QUESTION 35

Option (D) is correct due to the following:

Option (**D**) is correct as the total variable cost varies directly with the level of activity. This means that each unit produced causes the same amount of cost to be incurred. So, the cost per unit remains constant however many units are produced. The change in total cost will depend on the number of units produced.

Option C) is correct as the total fixed cost remains constant over a given level of activity. This means that each extra unit produced do not cause extra cost to be incurred. In summary, these are cost which are not affected by the level of output and they are incurred in relation to the period rather than the level of activity.

The option (B) would be the correct answer if the word "**could not be changed at all**" was not included in the statement. This is because the total fixed cost remains constant over given level of activity and may change if the business decided to expand beyond a certain level of activity. Hence become step fixed cost. Hence **option (B)** is not the correct answer for the question.

QUESTION 36

Option C is correct. The graph describes a **variable cost per unit**. As per cost behavior, the cost per unit remains constant regardless unity produced. The change in total cost will depend on the number of units produced.

Option (**D**) total costs could not be constant as it varies based on level of production.

Option (A) would be the correct answer if the graph has an upward-sloping straight line which passes through the origin (0,0). V2022ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPA

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Option (**B**) would be the correct answer if the graph has an upward-sloping like the total variable cost graph, but starts part of the way up the Y-axis at the level of the total fixed cost element.

OUESTION 37

Option C is correct. The direct material cost variance is FRW 420,000 adverse.

A material cost variance is found by: Budgeted material cost-Actual material cost. Hence the Hence a material cost variance is calculated as (10,000* 3*FRW 100) - FRW 3,420,000) = FRW 3,000,000 - FRW 3,420,000 = FRW 420,000. Hence an adverse variance as the actual cost of materials incurred exceeded the budgeted material cost.

If option **B**, **FRW 2,420,000 Adverse**) was chosen, it implies that the candidate failed to multiply by the number of Kgs required to produce 1 unit (i.3Kg). Hence the variance computed as 10,000* FRW 100 -3,420,000 = **FRW 2,420,000 Adverse**.

If **option A: FRW 420,000 favorable**), this implies that the candidate wrongly treated budgeted costs to be the actual and vice versa. Hence material cost variance become FRW 3,420,000 – FRW 3,000,000 = **FRW 420,000 Favorable**.

OUESTION 38

Option C is correct. Cost variance= Budgeted cost-actual cost incurred.

If the actual cost incurred is less than the budgeted cost, the variance is favorable. If the actual cost incurred exceed the budget, the variance is adverse. Hence for our case, we have an adverse variance implying that the budget is less than actual spending. Hence Actual cost of material is found by **Budgeted cost** + **Adverse variance**= FRW 7,000,000+ FRW 500,000 = **FRW** 7,500,000.

Hence option (C: FRW 7,500,000) is the correct answer.

If option (**A: FRW 6,500,000**) is chosen, the candidate wrongly considered the variance to be a favorable. If it is favorable variance, it implies that the budget was greater than actual. Hence the actual spending be calculated as **Budgeted cost** –**favourable variance**. Therefore, the actual spending would be calculated found as FRW 7,000,000 –FRW 500,000= FRW 6,500,000.

If the candidates choose option **B**, **FRW 5,000,000**, he/she wrongly picked the figure for sales variance. Hence FRW 7,000,000- FRW 2,000,000 = **FRW 5,000,000**.

OUESTION 39

Option B is correct. The budgeted advertising cost was FRW 520,000

Cost variance= Budgeted cost-actual cost incurred. Hence Budgeted cost = Actual cost +/Variance

Variance= Budgeted cost-actual cost incurred. Hence Budgeted cost = Actual cost +/Variance

If the variance is favorable, it implies that the actual costs incurred were less than budgeted cost. Hence Budgeted cost = Actual cost + favorable variance ARNOV2022ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNO

If the variance is adverse, it implies that the actual cost incurred were higher than budgeted costs. Hence, Budgeted cost = Actual Cost - Adverse variance

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For our case, we have an adverse variance. Hence, the budgeted expenditure is equal to FRW 600,000 - FRW 80,000 = FRW 520,000. Hence option (B) is the correct answer.

Option A: FRW 680,000 would be the correct answer, if the variance was considered to be favorable. Hence budgeted cost be calculated as FRW 600,000 + FRW 80,000 = FRW 680,000.

If **option C: FRW 1,100,000**) is chosen, the candidate wrongly picked the figure for material variance. Hence, FRW 600,000 - FRW 500,000= **FRW 100,000**.

OUESTION 40

Option C is correct. Budgeted sales is FRW 16,000,000.

Variance = Budgeted result-actual results

Interpretation for revenue variance is a bit different from the one for cost variance.

If the variance is favorable, it implies that the actual revenue earned were higher than those budgeted. Hence Budgeted revenue =Actual cost-favorable variance

If the variance is adverse, it implies that the actual revenue earned are lower than those budgeted. Hence, Budgeted cost = Actual revenue earned + Adverse variance.

For our case, we have favorable variance implying that actual revenue earned were higher than budget sales. Hence budgeted sales =Actual sales made – Favorable variance = FRW 18,000,000-FRW 2,000,000 = FRW 16,000,000.

If option B: FRW 20,000,000 may be chosen if the variance was adverse. Hence budgeted sales can be found as FRW 18,000,000 + FRW 2,000,000= FRW 20,000,000.

If **option** (A: FRW 17,500,000), it implies that the candidate wrongly picked the figure for material variance and computed the budgeted sales as FRW 18,000,000 – FRW 500,000 = FRW 17,500,000.

QUESTION 41

Option C is correct, the significance of the variance is 11.11% Adverse as per workings below: Variance significance (% variance) = (Budgeted Results-Actual results)/Budgeted results *100 = (FRW 4,500,000- FRW 5,000,000) *100 = 11.11% Adverse.

If the **option A: 11.11% favorable** is chosen, the candidate had wrongly considered **FRW 5,000,000** to be the budgeted cost and **FRW 4,500,000** to be the actual cost incurred on the denominator. The significance of the variance will be the same as the above, but favorable.

If the **option** (B: 10% Adverse) is chosen, it implies that the candidate had wrongly divided by the actual cost instead of the budget. Hence the variance significance become FRW = (FRW 4,500,000 - FRW 5,000,000) *100=10% Adverse.

Option D, divided budgeted cost to the actual costs i.e 4,500,000/5,000,000 = 9%

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QUESTION 42

Option B is correct. The total cost variance will be FRW 150,000 Adverse computed as follows

Total direct material budget (1,000*20*60) = 0	1,200,000
Total direct labor budget [500*20*60] = NOV	2 600,000 NOV
Production overheads budget	500,000
Total production cost 21CPARNOV20221CPARNOV	2,300,000
Compared to actual cost of ARNOV2022ICPARNOV	20 2,450,000 V
Variance (Adverse)	150,000

Option (A) will be the correct answer if the actual cost was FRW 2,300,000 while the total budgeted cost was FRW 2,450,000. PARNOV2022ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARN

If the option (**C**: **FRW 1,860,000 A**) is chosen, the candidate had forgotten to multiply by the unit cost per bottle by the number of bottles in the box. Hence the variance become: (FRW 1,000*60+FRW 500*60 + FRW 500,000) - FRW 2,450,000 = **FRW 1,860,000 Adverse**.

If the option (**D: FRW 1,920,000 favorable**) is chosen, the candidate had forgotten to multiply by the unit cost per box by the number of boxes produced and further wrongly interpreted variance obtained as favorable instead of adverse. Hence the variance become: (FRW 1,000*20+ FRW 500*20 + FRW 500,000) - FRW 2,450,000 = **FRW 1,920,000**.

QUESTION 43

Option C is correct. For management accounting purpose, costs can be classified by function as production, selling and distribution, Administration, and Finance. Hence Option iii made of ABC would be part of classification of cost by function.

If **option** (**B**) is chosen, the candidate classified costs by their nature as cost can be classified as direct and indirect cost. ICPARNOV2022ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARN

Options (A) could not be the correct answers as they mix both classification by nature and by function. I CPARNOV2022ICPARNOV202ICPARN

OUESTION 44

Option C is correct. As per management accounting, costs can be classified by function, element and by nature.

Option (A) would be correct for management accounting

Option (B) will be correct for financial accounting.

QUESTION 45

Option D is correct. The significance of the variance depends on the context of organization. Managers will want to be aware of significant variances, whether they are adverse or favorable. One might think that managers are only concerned with adverse variances, but a favorable variance might be an indication of the job well done by a department manager or the fact that the budget was not fair reflection of the cost or income expected. However, normally managers of the business

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only wish to be informed about significant variances by means of a variance report or significance report.

Other options are not the correct answers as only the word "**significance**" qualifies the answer to be correct as only significant variances are reported to management for investigation. ARNOV202210

Hence no correct answer was included among the suggested options.

QUESTION 46

Correct answer is B: A goods received note (GRN) will be completed by goods inwards staff on the basis of a physical check, which involves counting the items received and seeing that they are not damaged.

Dispatch note, this is a message or letter sent by seller to the buyer informing the later that the goods ordered was dispatched NOV2022ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPA

Purchase requisition form: A document used by internal staff requesting authorization to buy particular goods

Purchase order is issued by buyer to the seller informing type, quantity of goods to be procured

QUESTION 47

Option B is correct. Because FIFO issues purchased items at lower prices first, it ends with closing stock with items purchased at higher prices and hence high closing stock which will increases the profit for the period.

Option (A) is not the correct answer because during inflation (general price rising), stock items purchased latest at higher prices are sold last in case LIFO was used leaving items purchased earlier at low prices. This resulted in closing stock with items purchased at lower prices which lower the profit. If FIFO was used, items purchased earlier at low prices are issued first leaving in the closing stock items purchased latest at higher prices. This result in higher closing stock and higher profit. Noted that the higher the closing stock the higher the profit and vice versa.

Option (C) is not correct as when FIFO was used, it results in higher closing stock and **higher** profit instead of **lower**. ICPARNOV2022ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICP

OUESTION 48

Option C is correct. The estimated price to be notified to customer for the job 500 is FRW 2,344,600 as per workings below:

Production cost:) V2022ICPARNO	FRWIC
Direct Materials BRNOV 2022 ICPARNOV 2022 IC	065,000
	326,000
	119,000
Total Production Cost ICPARNOV2022ICPARNOV202ICPARN	510,000
Plus 60% of prime cost (FRW 1,065 + FRW 326 = FRW 1,391*60%)	334,600
Estimated price for the job ARNOV2022ICPARNOV2022ICPARNOV2022ICPARNOV2022ICPARNOV2022ICPAR	344,600

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If the **option (B: FRW 2,225,600)** was chosen, it implies that the candidate did not consider production overheads. Hence estimated job cost become FRW 1,065,000 + FRW 326,000 + FRW 1,391,000*60%= FRW 2,225,600.

If the **option** (**A: FRW 1,823,000**) was chosen, it implies that the candidate did not consider direct labor cost. Hence estimated job cost become FRW 1,065,000 + 140* FRW 850+ FRW 1,065,000 *60%= FRW 1,823,000.

If option (D: FRW 2,416,000) was chosen, the candidate applied mark up to the total production costs instead of mark up. FRW 1,065,000 + FRW 326,000 + 140* FRW 850+ 60% (FRW 1,065,000 + FRW 326,000 + 140* FRW 850) =**FRW 2,416,000**.

QUESTION 49

Option B is correct. As shown below

We need first to determine the number of units issued from the stock calculated as: CPARNOV20

Opening stock	2022ICPARNOV2022ICPARNOV2022ICPARNOV2001
Receipt 500 + 600 2022ICPARNOV2022ICPARNOV	20221CPARNOV20221CPARNOV20221CPARNO 1,100 1
Total goods available for the month	2022ICPARNOV2022ICPARNOV2022ICPARNO 1,200
Issue (Balancing figure) PARNOV2022ICPARNOV	2022ICPARNOV2022ICPARNOV2022ICPARNO(400)1
Closing stock NOV2022ICPARNOV2022ICPARNOV	20221CPARNOV20221CPARNOV20221CPARNOV800

After getting the number of items issued, we need to compute the value of these items using FIFO as follows:

Date 022ICPA	RDetails 21CPARNOV2022ICPA	Quantity	Cost per unit in FRW	Value in FRW
1-July-21	Opening balance V2022ICP	RNOV1001	CPARNOV2022ICPARN 700 C	22ICPARN 70,000
16-July-21	Receipts CPARNOV2022ICP	500	PARNOV2022ICPARN800	400,000
29-July-21	RReceipt 2ICPARNOV2022ICPA	RNOV 600 1	CPARNOV2022ICPARN 850 (221CPAR 510,000
30-July- 21	Issue ²⁰²² ICPARNOV2022ICPA	(100)	CPARNOV2022ICPARN700	(70,000)
RNOV 2022ICPA RNOV 2022ICPA	RISSUE ₂₀₂₂ ICPARNOV2022ICPA	(300)	CPARNOV2022ICPARN800	(240,000)
Total issue	RNOV2022ICPARNOV2022ICPA	RNOV 400 1	CPARNOV2022ICPARNOV20	22ICPAR 310,000

Option A used average method to value inventory as shown below

RNOV2022ICPARN Date022ICPARN	OV20121CPARNOV2022ICP OV201 Details OV2021CP	Quantity	Cost per unit in FRW	Value in FRW
01-Jul-21	Opening balance	100	CPARNOV2022ICPARN700	^{221CPARN} 70,000
16-Jul-21	Receipts	500 RNOV	PARNOV2022ICPARN800	221CPAR 400,000
29-Jul-21CPARN	OV201 Receipt OV2022ICP	ARNOV 6001	CPARNOV2022ICPARN 850 (22ICPAR 510,000
RNOV2022ICPARNO	OV2022ICPARNOV2022ICP	1,200	PARNOV2022ICPA 816.67	980,000
30-Jul-21	0V2012ICPARNOV2022ICP	400 RNOV	CPARNOV2022ICPA 816.67	221CPA 326,667

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RNOV2022ICPAIOption C, used LIFO yet FIFO was asked as shown below NOV2022ICPARNOV2022ICPARNOV2022ICPARNOV2022IC

Date 0221 CPARNOV	720121CPARNOV20221CP 72012 Details OV20221CP	Quantity	Cost per unit in FRW	Value in FRW
01-Jul-21	Opening balance	ARNOV 100	PARNOV2022ICPARN700	^{221CPARN} 70,000
16-Jul-21 parnov	Receipts V2022ICP	ARNOV 500	PARNOV2022ICPARN800	221CPAR 400,000
U29-Jul-21 PARNOV	/2012Receipt OV2022ICP	ARNOV 600 1	PARNOV2022ICPARN 850	22ICPAR 510,000 I
30-Jul-21	1ssue Issue	400 ARNOV	PARNOV2022ICPARN850	340,000

RNOV2022ICPAI**QUESTION 50**10 V2022ICPARNOV2022ICPARNOV2022ICPARNOV2022ICPARNOV2022ICPARNOV2022ICPARNOV2022IC

Correct answer is A: as shown below 21CPARNOV2022ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202ICPARNOV202IC

Date 022ICPA	R Details 2ICPARNOV2022ICPA	Quantity	Cost per unit in FRW	Value in FRW
1-July-21	Opening balance	100 100 I	CPARNOV2022ICPARN 700	²²¹ CPARN 70,000
16-July-21	Receipts ICPARNOV2022ICPA	(RNOV 500)	CPARNOV2022ICPARN800	221CPAR 400,000 I
29-July-21	Receipt 2ICPARNOV2022ICPA	RNOV6001	CPARNOV2022ICPARN 850 C	22ICPAR 510,000 I
30-July- 21	Issue	(100)	CPARNOV2022ICPARN 700	(70,000)
NOV2022ICPA	RIssue20221CPARNOV20221CPA	RNO (300)	CPARNOV2022ICPARN 800 (221CPA(240,000)1
Total issue	RNOV2022ICPARNOV202ICPARNOV2	RNOV4001	CPARNOV2022ICPARNOV20	22ICPAR 310,000 I
Closing	RNO V 2022I CPARNO V 2022I CPA RNO V 2022I CPARNO V 2022I CPA	200	PARNOV2022ICPARN800	160,000
stock)221CPA	RNOV2022ICPARNOV2022ICPA	RNOV.6001	CPARNOV2022ICPARN 850 (221CPAR 510,000 1
RNOV2022ICPA	RTotal 022ICPARNOV2022ICPA	RNOV 800	CPARNOV2022ICPARNOV20	221CPAR 670,000

RNOV2022ICPA Option B used average method to value inventory as shown below ICPARNOV2022ICPARNOV2022ICPARNOV2022IC

RNOV2022ICPARNO' Chate Date	V2012ICPARNOV2022ICP V201 Details OV2022ICP	Quantity	Cost per unit in FRW	Value in FRW
01-Jul-21	Opening balance	RNOV 100	CPARNOV2022ICPARN700	221CPARN 70,000
n 16-Jul-21 CPARNO	V2012Receipts)V2022ICP	ARNOV 5001	CPARNOV2022ICPARN 800 (22ICPAR400,0001
29-Jul-21	Receipt V2022ICP	600 KRNOV	PARNOV2022ICPARN850	^{221CPAR} 510,000
RNOV2022ICPARNO	v 2012 i Cparno v 2022 i Cp V 2012 i Cparno v 2022 i Cp	1,200	PARNOV20221CPA816.67	980,000
30-Jul-21 CPARNO	V2022 Issue RNOV2022ICP	ARNOV400	CPARNOV2022ICPA 816.67 (221CPAR 326,667 1
31-Jul-21 ^{CPARNO}	Closing stock	RNOV 800	CPARNOV2022ICPARNOV20	^{221CPAR} 653,333

Option C, used LIFO yet FIFO was asked as shown below

Date 0221CPARNOV	Details V2022ICF	Quantity	Cost per unit in FRW	Value in FRW
01-Jul-21 PARNO	Opening balance	100 V2022I	C1 700 NOV20221CPARNOV20	2 70,000 NOV2022
16-Jul-21 PARNO	Receipts V2022ICP	A500 V2022I	CI <mark>800</mark> NOV2022ICPARNOV20	2400,000 OV2022
29-Jul-21	Receipt	600	850 NOV20221 CPARNOV20	510,000
30-Jul-21 parnov	/2012 Issuernov2022ICP	400 V2022I	CPARNOV85021CPARNOV20	2340,000 OV2022
31-Jul-21 PARNOV	Closing stock 21CP	PARNO 800221	CPARNOV2022ICPARNOV20	22 640,000 V2022

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Option D considered closing stock and valued it at price of last goods received i.e 800*850 =
21CPA1<mark>680,000</mark>21CPARNOV20221CPARNOV20221CPARNOV20221CPARNOV20221CPARNOV20221CPARNO
                                                                                     Page 24 of 24
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