## 023 IcparApril2023 Icpar CERTIFIED ACCOUNTING TECHNICIAN **STAGE 3 EXAMINATIONS S3.2: MANAGEMENT ACCOUNTING**

# DATE: THURSDAY, 27 APRIL 2023

023 IcparApril **S3.2** IcparApril2023 IcparApril2023 IcparApril2023 IcparApril2023 IcparApril2023**Page 1'of 14** 

## **SECTION A**

## **Marking Guide**

QN <sub>1</sub> cparApril2023	cparApril2023 IcparApril2023 IcparApril2023 IcparApr Correct Answer
023 IcparApril2023	cparApril2023 IcparApril2023 IcparApril2023 IcparApril2023 IcparApr C2
23 IcparApril2023	cparApril2023 IcparApril2023 IcparApril2023 IcparApril2023 IcparApri <b>B</b> ?
33 IcparApril2023	cparApril2023 IcparApril2023 IcparApril2023 IcparApril2023 IcparApri <b>D</b> ?
(43 IcparApril2023	cparApril2023 IcparApril2023 IcparApril2023 IcparApril2023 IcparApriA?
(5/3 IcparApril2023	cparApril2023 IcparApril2023 IcparApril2023 IcparApril2023 IcparApr B?
63 IcparApril2023	cparApril2023 IcparApril2023 IcparApril2023 IcparApril2023 IcparApr C
723 IcparApril2023	cparApril2023 IcparApril2023 IcparApril2023 IcparApril2023 IcparApriA
(83 IcparApril2023	cparApril2023 IcparApril2023 IcparApril2023 IcparApril2023 IcparApriC
(9.3 IcparApril2023	cparApril2023 IcparApril2023 IcparApril2023 IcparApril2023 IcparApriC
Of IcparApril2023	cparApril2023 IcparApril2023 IcparApril2023 IcparApril2023 IcparApriC

Award 2 Marks for each question

## 023 IcparApril Model answers 023 Ic

#### **QUESTION ONE**

## The correct answer is CApril2023 IcparApril2023 Icp

A is not correct because cost per unit of activity is a financial indicator of efficiency
B is not correct because cost per unit of activity is a financial indicator of efficiency
D is not correct because comparison with benchmark information is a financial indicator of efficiency

## QUESTION TWO IcparApril2023 IcparApr

## The correct answer is B

A is not correct because it is a definition of efficiency

C is not correct because it is a definition of economy

D is not correct because B is the correct answer

## **QUESTION THREE**

#### The correct answer is D

A is not correct because all are correct

B is not correct because all are correct

C is not correct because all are correct

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#### **QUESTION FOUR**

#### The correct answer is A

B is not correct because growth and launch have been interchanged aparapril

C is not correct because launch and development have been interchanged

D is not correct because launch and growth have been started yet they should follow development stage

#### **QUESTION FIVE**

#### The correct answer is R

Description 12023 Januar April 2023 Januar April	Quantity
Sales nar April 2023 Janar April 2023 Ja	24,000
Closing Inventory, finished goods 22 Iongr April 2023 Ion	ar April 2023 Icpar 6,000
2023 IcparApril2023 I	arApril2023 Icpa30,000
Opening Inventory, finished goods 3 IcparApril2023 IcparApril2023 Icp	arApril2023 Icpa(3,000)
Production required of output 1/2023 IcparApril2023 IcparApril2023 IcparApril2023 IcparApril2023	arApril2023 Icpa27,000
Total production required (27,000*100/90) vil2023 IcparApril2023 Icp	arApril2023 Icpa30,000

A is not correct because opening stock has been added instead of being deducted from sales and the closing stock has been deducted instead of being added to sales

C is not correct because both opening stock and closing stock have been added to sales

D is not correct because the required production has not been adjusted the scrapped materials

#### **QUESTION SIX**

#### The correct answer is C

Description Description	Hours
Standard hours per unit	rAprii2023 1cparAprii2 "Anni12022 Ionan Anni32
Total standard hours required (3 * 3,000)	9,000
Productivity ratio	4nril2023 Ignar 4 0.9
Actual hour required (9,000*100/90)	10,000

A is not correct because instead of multiplying 100 and divide 90, they reversed.

B is not correct because they divided by 100 instead of multiplying with 100 and divide by 90.

D is not correct because C is the correct answer 23 IcparApril2023 IcparApril2023 IcparApril

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## 023 IcparApril QUESTION SEVENparApril2023 IcparApril2023 IcparApril2023 IcparApril2023 IcparApril2023

## 3 IcparApril The correct answer is A April 2023 IcparApril 2023 IcparApril 2023 IcparApril 2023 IcparApril

Description Description	Amount-FRW
Material (1.5m*1800)	2,700
Labour (3hrs*700)	2,100
Variable overhead(3hrs*400)	1,200
Fixed overhead (FRW200,000/500)	400
Standard costs	6,400
Standard profit	3,000
Standard Selling price	12023 In an Anni 12023 Inna 9,400

B is not correct because it does not multiply required material and labour hours per unit
C is not correct because it does not multiplied required labour per unit on variable cost
D is not correct because A is correct

## **QUESTION EIGHT**

## The correct answer is C

A is not correct because it is the definition of ideal not basic standard

B is not correct because it is the definition of current not basic standard

D is not correct because it is a definition of attainable not basic standard

### **QUESTION NINE**

#### The correct answer is C April 2023 Icpar April 2023 Icpar

A is not correct because costs of running a customer service department is an example of external failure cost

B is not correct because costs of running a customer service department and product liability costs are examples of external failure costs

D is not correct because costs of running a customer service department

#### **QUESTION 10**

## The correct answer is CApril2023 IcparApril2023 IcparApril2023 IcparApril2023 IcparApril

Description Description	Amount-FRW
Inspection costs	60,000
Lost contribution on second 4,000units*(FRW300-FRW200)	400,000
Total  Total	460,000

A is not correct because it does not consider lost contribution but sales from defected sandwiches

B is not correct because it does not consider lost contribution but the normal sales from defected sandwiches mil 2023 Icpar April 2023 Icpar

D is not correct because C is correct

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## SECTION B

#### **QUESTION 11**

#### **Marking Guide**

Q N	Description   CeparApril2023 IcparApril2023 IcparAp	Marks allocation
023 a <sup>2</sup> 3	Award 1 mark for each well explained point. Award 0.5 Mark for the unexplained point. Max 5 Marks	23 IcparApril2 23 IcparApril2
b	Award 1 mark for each well stated point. Max 5 Marks	23 IcparApri52
023	Total Marks	23 1cparApril 10

#### **Model Answers**

## (a) Five possible poor attitudes that managers and employees may show towards the accounting control information

The attitude of managers and employees towards the accounting control information they receive might reduce the information effectiveness

The following are the possible poor attitudes that managers and employees may show towards the accounting control information: 23 Japan April 2023 Japan April

- Management accounting control reports could well be seen as having a relatively low priority in the list of management tasks. Managers might take the view that they have more pressing jobs on hand than looking at routine control reports.
- 2. Managers might resent control information: They may see it adds part of a system of trying to find fault with their work. This resentment is likely to be particularly strong when budgets or standards are imposed on managers without allowing them to participate in the budget setting process
- 3. If budgets are seen **as pressure devises** to push managers into doing better, control reports
- 4. Managers may **not understand the information** in the control reports because they are unfamiliar with accounting terminology or principles.
- 5. **Managers might have a false sense of what their objectives should be.** A production manager might consider it important to maintain quality standards regardless of cost. They would then dismiss adverse expenditure variances as inevitable and unavoidable.
- 6. If there are flaws in the system of recording actual costs, managers will dismiss control information as unreliable,
- 7.23 Control information might be weeks after the end of the period to which it relates, in which case managers might regard it as out of date and no longer useful. 2023 IcparApril 2023 Icpa
- 8. Managers might be held responsible for variances out of their control.

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#### (b) Five functions of the budget committee

The coordination and administration of budgets is usually the responsibility of a budget committee. The functions of budget committee are outlined below:

- 1. The budget committee is responsible of coordination of the preparation of budgets, which includes the issue of the budget manual,
- 2. The budget committee is responsible of issuing of timelines for the preparation of functional budgets,
- 3.23 The budget committee is responsible for allocation of responsibilities for the preparation of functional budgets, which is a supersimple of functional budgets, which is a supersimple of functional budgets.
- 4. It is also responsible for the provision of information to assist in the preparation of budgets
- 5. It is responsible for all communication of final budgets to the appropriate managers,
- 6. Budget committee is responsible of making continuous assessment of the budgeting and planning process, in order to improve the planning and control function.

## **QUESTION 12 Marking guide**

QN	Description Characteristics of the Control of the C	Marks allocation
023 7	Award 0.5 marks for definition and 0.5 Marks for example to	Amil 2023 Teparapril 2
a	each item.	Aneil2023 IcpurApril2
b	Award 0.5 marks for each well classified cost.	1pi 112023 Tepar 1pi 112 1pi 112023 Tepar 1pri 15
023 10	Total Marks	Anril2023 Tenar An 10

#### Model answers

#### a) 3 Definitions of management accounting terms parApril2023 IcparApril202

- i. **Direct costs:** Direct costs are those which are directly involved with the making of a product or service. The sum of the direct costs is equal to the Prime Cost. **Example:** A company manufacturing breads, cost of wheat flour, cost of cook, cost of factory electricity are direct costs
- ii. **Production overheads:** Production costs relate to costs that are incurred in the manufacture of goods or the delivery of a service. They are incurred as a result of manufacture and therefore should be included in the cost of sales in the income statement and should also be included as part of the inventory valuation. **Example:** Rent of factory premises, depreciation of factory machines etc.
- iii. **Stepped fixed costs:** Stepped costs are fixed costs over a wider activity range. Some fixed costs will increase once the level of activity goes above a certain threshold. **An example** of this might be a supervisor in a factory on a salary. Each supervisor is in charge of 20 workers. As soon as we employ more than 20 workers, we need to employ another supervisor
- iv. **Variable costs:** Variable costs are those costs which vary in proportion to the level of activity. As activity increases, total variable cost will increase. Variable cost per unit usually remains constant. **For example**, if it costs FRW 50,000 to make 1 unit we assume that it costs FRW 100,00 to make 2 units, FRW 500,000 to make 10 units and so on.

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- 023 IcparApril v. Semi-fixed costs: A semi-variable cost contains a fixed and a variable element. An example 23 IcparApril 20 of this would be an electricity bill where we pay a fixed charge per period plus a variable 23 IcparApril 20 charge for each unit of electricity consumed 023 IcparApril 20 Charge for each unit of electricity consumed 023 IcparApril 20 Charge for each unit of electricity consumed 023 IcparApril 20 Charge for each unit of electricity consumed 023 IcparApril 20 Charge for each unit of electricity consumed 023 IcparApril 20 Charge for each unit of electricity consumed 023 IcparApril 20 Charge for each unit of electricity consumed 023 IcparApril 20 Charge for each unit of electricity consumed 023 IcparApril 20 Charge for each unit of electricity consumed 023 IcparApril 20 Charge for each unit of electricity consumed 023 IcparApril 20 Charge for each unit of electricity consumed 023 IcparApril 20 Charge for each unit of electricity consumed 023 IcparApril 20 Charge for each unit of electricity consumed 023 IcparApril 20 Charge for each unit of electricity consumed 023 IcparApril 20 Charge for each unit of electricity consumed 023 IcparApril 20 Charge for each unit of electricity consumed 023 IcparApril 20 Charge for each unit of electricity consumed 023 IcparApril 20 Charge for each unit of electricity electric
- 6) Classify the following costs in the following cost classifications: production costs, 2023 leparApril 2023

Cost par April 2023 Icpar April 2023 Icpar April 2023 Icpar	Classification   pril2023   Icpar April2
1. Depreciation of factory machineries 77/2023 Icpar	Production costs 12023 IcparApril2
2. Trade discounts given to different customers	Selling and distribution costs
3. Protective clothing for factory machine operators	Production costs
4. Salary of scientist in laboratory	Research and development costs
5. Salary of supervisor working in factory	Production costs
6. Cost of chemicals used in the laboratory	Research and development costs
7. Insurance of company premises	Administration costs 23 Icpar April 2
8. Salary of secretary of the Director of Finance	Administration costs 23 Icpar April2
9. Commission paid to sales agents	Selling and distribution costs
10. Rent of finished goods and showroom	Selling and distribution costs

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## **SECTION C**

## **QUESTION 13**

#### MARKING GUIDE

QN	<b>Description</b> <i>cparApril2023 lcparApril2023 lcparApril2023 lcparApril arApril2023 lcparApril2023 lcparApril2023 lcparApril2023 lcparApril</i>	Marks allocation
a <sup>3</sup> Ic 023 Ic	Award 1 mark for each well explained limitation of financial ratio maximum 4 marks)	2023 IcparApri <b>4</b> 2 2023 IcparApril2
b3 10	Return on capital employed (ROCE)	2023 IcparApri <mark>2</mark> 2(
	Debt to equity ratio 112023 IcparApril2023 IcparApril2023 IcparApril	$2023$ IcparApri $2^{2}$
	Current ratio par April 2023 Icpar April	$2023$ $1cparApri_2^2$
	Payable payment period	$2023$ 1cparApri $2^{11}$
	Receivable collection period	2023 1cparApri2
	Interest cover	2023 IcparApri
	Gross profit margin	2023 Teparaprii
	Net profit margin	2023 Icnar Anri 22
	Format of the report, Award 1 professional Mark to the good report	2023 IcparApril20
023 Ic	aTotal 2023 IcparApril2023 IcparApril2023 IcparApril2023 IcparApril	2023 IcparAp <b>20</b> 21

## Marking guide

#### (a) Four limitation of financial analysis using ratio par April 2023 Icpar.

The following are some of the limitations of using ratios as a basis of financial performance

- Comparing like with like: If ratios are to be compared then they must be calculated in the same way, using comparable figures. When comparing ratios in an organization, if there has been a change in accounting policies over the period then this may have an impact on the ratios.
- 2. **Inflation:** If ratios are being compared over time on the basis of historical cost accounting figures, then adjustments must be made using an appropriate index in order to restate all the figures in terms of one particular price level.
- 3. **Representative figures:** In many cases we use year-end figures from a statement of financial position in order to calculate ratios. These year-end figures may not be representative of the average value for the year.
- 4. **Accounting adjustments:** When year-end figures are used to calculate ratios, just one significant accounting adjustment or transaction before the year end can alter the position shown by the statement of financial position and the resulting ratios.

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- 5. **Age of non-current assets:** If we are comparing one company to another using ratio analysis, the figures may not be entirely comparable unless the non-current assets are of similar age (and their depreciation policies are similar)
- 6. **Key performance indicators and the behavior of manager:** The way in which managers are assessed on their performance can have a major influence on the decisions that they make.
- 7. **Comparing over time:** If businesses use ratios to compare performance over time and the ratios are improving, this can lead to complacency. Competitors may be improving by a greater margin so caution should be taken when only comparing against yourself.

## b) Report appraising the financial performance for the year ended December 2022 of Clinton Manufacturing Co.

**TO:** Board of Directors

Date: 01/01/2022

Re: Performance analysis of Clinton Manufacturing Co

- 1. **Return on capital employed:** This is a key measure of profitability. It is the operating profit as a percentage of the capital employed. The ROCE shows the operating profit that is generated from each FRW1 of assets employed. A high ROCE is desirable. Clinton Manufacturing company has the ROCE of 40% in the year 2022 which is below the industry average by 5%. This should be improved by improving the profitability which is achieved by either by minimizing costs as the revenues and prices are beyond company's control.
- 2. Debt to equity ratio: This is a gearing ratio. This measures the percentage of long-term debts in company's capital structure. It appears that Clinton Manufacturing company is highly geared compared with the industry average with 80% to 40% respectively. This is very far, with the available information, we cannot conclude that it is good or bad as it depends on the other factors like cost of capital, shareholders attitude to risks etc.. but again if you check on the interest cover of 1.2 times, it is clear that the profit is almost cleared by the interest. The company should seek other financing alternatives other than loans like issue of shares etc.
- 3. Current ratio: This is a liquidity ratio. It measures how the company can use the current assets to pay off its short-term liabilities. It is clear that Clinton Manufacturing Company has 4:1 compared to 2:1 of the industry average. This is very huge and bad as this high current ratio shows that the company has the idle cash. The cash management model like Miller-Orr and Baumol model should be used to determine the optimum level of cash to be kept, otherwise the excess assets should be invested in short term investments.

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- 4. **Payable payment period:** This is a measure of long it takes a company to pay its trade payable. For Clinton Manufacturing Company, it is far below the industry average with 45 days and 52 days respectively. It is very good as the company is paying its suppliers as early as possible. This would increase morale and trust from the side of suppliers.
- 5. Receivable collection period: This is a measure of how long it takes a company to collects its cash from its customers. For Clinton Manufacturing Company, it is beyond the industry average with 60 days and 45 days respectively. This shows that the company is inefficient in collecting receivables or it is putting much pressure to its customers. If this is not well managed, it would end up losing customers. In fact, the duration is linger than the industry set duration and even longer than creditors repayment period.
- 6. Interest cover: This is the operating profit (profit before finance charges and tax) divided by the finance cost. It is clear that the interest cover for Clinton Manufacturing Co of 1.2 times is far below the that of the industry average of 10 times. The ratio could be improved by taking steps to increase the operating profit, e.g. through better management of costs, or by reducing finance costs through reducing the level of debt as we realized that the company has higher level of debts and interest expenses.
- 7. **Gross profit margin:** This is the gross profit as a percentage of turnover. A high gross profit margin is desirable. It indicates that either sale prices are high or that production costs are being kept well under control. Clinton Manufacturing Company has 58% compared to 60% of the industry average. Company should keep the momentum paying attention to cost of sales
- **8. Net profit margin:** This is the net profit as a percentage of turnover. A high net profit margin is desirable. It indicates that either sale prices are high or that operating expenses are being kept well under control. Clinton Manufacturing Company has 10% compared to 25% of the industry average. Company should try to minimize costs by looking much on interests. The gross profit margin was okay the issue then should be checked in the operating expenses.

Yours sincerely.

Finance Officer

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#### **OUESTION 14**

## **Marking Guide**

023 Ic QN c	arApril2023 IcparApril2023 IcparApril2023 IcparApril2023 IcparApril20 <b>Description</b> cparApril2023 IcparApril2023 IcparApril2023 IcparApril20	Marks 2 allocation
(a) 3 Ic	Award 2 marks to a well explained Variance investigation factor, (1	23 IcparApril2
023 Ic	mark to state, 1 mark to explain) April 2023 Topar April	23 IcparApri62
(b) 3 Ic	(i) Material Price variance ToparApril2023 ToparApril2023 ToparApril2023	23 IcparApri32
023 Ic	(ii) Material usage variance par April 2023 I apar Apar Apar Apar Apar Apar Apar Apar	23 IcparApri <b>3</b> 2
$023 Ic_{j}$	(iii) Labour rate variance   Lepar April 2023   Lep	23 IcparApri32
023 Ic	(iv) Labour efficiency variance April 2023 Icpar April 20	23 IcparApri <b>3</b> 2
C23 Ic	Award 1 marks for each well explained term	23 IcparApri <b>2</b> 2
023 Ic	Total 2023 IcparApril2023 IcparApril2023 IcparApril2023 IcparApril20	23 IcparAp202

#### Model answers

## a) Three main aspects of variances that should be taken into account when deciding whether or not to investigate variance

The following are the main three aspects of variances that should be taken into account when deciding whether or not to investigate variances:

- 1. The materiality or significance of the variance: Only material/significant variance to company's operations and results should be investigated. The level should be set as either a percentage of standard cost or an absolute figure like a variance of FRW 20,000.
- 2. **The trend:** Sometimes, a variance in a particular period may not appear to be material. However, if the trend of the variance is the same in each period, either favorable or adverse, although each individual variance itself is not material, the trend indicates that there is an underlying reason for the variance rather than simply random factors. Therefore, management may decide that the cause of the variance should in fact be investigated.
- 3. **The controllability of the variance**: If is the responsibility of divisional manager to investigate the variance in his/her profit center, then the manager will go ahead and investigate variance. Otherwise, he/she will not. Sometimes the cause of the variance may be outside the control of the manager.
- 4. **Type of the variance**: Setting of ideal standards may result into variances being adverse because ideal standards may not be achieveable. *cparApril2023 lcparApril2023 lcparApril2023*
- 5. **Interrelationship between the variances**: A favourable price variance may result to an adverse quantity or usage variance. For example, reduction of selling price may result into adverse sales price variance and favourable sales volume variance.

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## 023 IcparApril b) Report summarizing the e calculated variances arApril2023 IcparApril2023 IcparApril2023 Icpar

## (i) Material Price variance

Material April2023	Icpar Formula Ic	ard Calculation	il2023 IcparApril2023	Variance
Material K 1/2023	Icpar AQAP 3 Ic	arApril2023915,000	il2023 Icpar 915,000	IcparApril2
023 IcparApril2023	Icpar AQSP 3 Ic	arApril2(7500*120)	12023 Icpa 900,000	15,000A
Material P	AQAP 3 Iq	arApril202 203,000	203,000	IcparApril2
023 IcparApril2023	AQSP	(4,100*50)	205,000	2,000F

## (ii) Material usage variance

Material	Formula	Calculation	[pril2023 [cparApril2	Variance
Material K	AQSP	900,000	900,000	023 IcnarAnril
023 IcparApril2023 Ic	SPSQ	(700*10*120)	840,000	60,000A
Material P. 12023 10	AQSP	parApril 205,000	205,000	023 IcparApril2
023 IcparApril2023 Ic	SPSQ	700*6*50)	pril2023 [c210,000]	5,000F

## (iii) & (iv) Labour rate and efficiency variance 3 IcparApril2023 IcparApril2023 IcparApril2023

Labour rate variance	12023 Icpar4	prii2023 IcparAprii1023	IcparApriizUZ3 Id	cparApril2
023 1cparApril2023 1cparApr	AHAP	278,800	278,800	:parApruz
023	AHSR	(3,400*80)	272,000	6800A
Labour Efficiency variance	12023 Icpanii	mil 2023 Teparaprii 1023	I cpar/1prii/2023 I	purapruz
022 Tanaw Anwill 022 Tanaw Anw	AHSR	272,000	272,000	eparapruz man Anni 10
023 Ionar Anril 2023 Ionar Anr	SHSR	(700*5*80)	280,000	8000F

## c) Differentiate feedback and feedforward in the context of variance analysis.

**Feedback:** It is the process of continual comparison of actual results to budgeted results, The budget period is normally for the forthcoming year but the feedback process should take place on a much fluent, regular basis. While

**Feedforward:** It is the process of using the information which is being received about the current performance of the business in terms of the current actual results and then be used to influence the budget for the future periods.

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#### 023 IcparApril2**QUESTION 15**023 IcparApril2023 IcparApril2023 IcparApril2023 IcparApril2023 IcparApril2023 IcparApril20

## Marking Guide 23 IcparApril2023 Icpa

QN	Description  Description	Marks allocation
$i_{j_2,j_2}$	Sales amount and Variance	2) IcparApril
	Materials and variance and their workings 1 mark each	$\frac{1}{2}$ $\frac{1}$
	Labour and variance and their workings 1 mark each	21 Janay Any
	Production costs and variance and their workings 1 mark each	2 Icnar Ann 3
	Selling and distribution expenses and variance and their workings 1 mark each	2. IcparApril
13 Ic	Award 2 marks for a well explained problem of flexing, 1 mark for stating and 1 mark for explanation	2. IcparApril
13 Ic	Total 2022 Innay Anvil 2022 Innay Inn	20

## 023 IcparApril <mark>Model Answers</mark>023 IcparApril2023 IcparApril2023 IcparApril2023 IcparApril2023 IcparApril2023 IcparApril2

## a) Flexible budget for the month of March 2022 and comment on variance

<b>Description</b>	Note	Flexed budget	Actual	Variance
Output	nar Anril 2	32,000	32,000	3 IcnarAnril
023 IcparApril2023 IcparApril2023 Ic	parApril2	023 I. FRW'000	FRW'000	FRW'000
Sales par April 2023 Icpar April 2023 Id	parA <b>l</b> ril2	023 Icpar192,000	Icp (198,400)	3 Icpa-6,400
Materials Pril2023 IcparApril2023 Id	parA <b>J</b> ril2	023 Icpar/81,920	103,040	3 19-21,120
Labour April 2023 Icpar April 2023 Ic	parA2ril2	<sup>023</sup> <sup>1cpay 4</sup> 49,000	44,600	4,400
Production Expenses	3	10,000	9,100	900
Gross profit	parapruz nav Anvil 2	51,080	41,660	9,420
Selling and distribution expenses	$_{nar}A_{ril2}$	<sub>023 Tenar</sub> 16,333	18,600	-2,267
Operating Profit IcparApril2023 Id	parApril2	023 Icpar/ <b>34,747</b>	Icpa (23,060)	3 100 11,687

## 023 IcparApril2Workings pril2023 IcparApril2023 IcparApril2023

## 1. Material and Selling Price

025 teparapru2025 teparap.	Original budget	Revised budget
Selling Price per unit	(150,000,000/25,000) = 6,000	(168,000,000/25,000)=6,000
Material price per unit	(64,000,000/25,000)=2,560	(71680,000/28,000)=2,560

### 023 IcparApril 2. Separation of fixed and variable element in Labour parApril2023 IcparApril2023 IcparApril2023

	2023 Icp Original budget pril2 23	Revised budget April 2
Output PApril 2023 IcparApril	2023 1cparApril2023 1cpc25,000   23	3 IcparApril2023 Icp 28,000
Total costs 112023 IcparApril	2023 1cparApril2023 42,000,000   23	45,000,000
Difference in units CharApmil	2023 1cparApril2023 1cpar 3,000 23	3 IcparApril2023 IcparApril2
Difference in FRW	3,000,000 2	3 IcparApril2023 IcparApril2
Y=a+bX <sup>April2023</sup> IcparApril	2023 IcparApril2023 IcparApril2023	3 IcparApril2023 IcparApril2
b(3,000,000/3,000)	1,000 1,000 1,000	o IcparApril2023 IcparApril2
a 2 1 Ail2022 TeparAprii	17,000,000	o 1cparApril2025 1cparApril2
Y=17,000,000+1000x	2023 1cparAprii2023 1cparAprii2023 2023 112023 112023	) 1cparApru2023 1cparApru2 2 14:12022 14:12

023 IcparApril **S3.2** IcparApril2023 IcparApril2023 IcparApril2023 IcparApril2023 IcparApril20. Page 13 of 14/23 IcparApril2

## 123 IcparApril 3. Separation of fixed and variable element in Production cost IcparApril2023 IcparApril2023

023 IcparApril2023 IcparApril	Original budget 2012 23	Revised budget
Output Ir April 2023 Icpar April	2023 1cparApril2023 1cpc25,000 23	1cparApril2023 1cp 28,000
Total costs	7,200,000	8,400,000
Difference in units	2023 1cparApril2023 1cpar 3,000 23	1cparApril2023 1cparApril2
Difference in FRW	1,200,000	1 CparApril2023 1cparApril2
Y=a+bX	2023 1cparAprii2023 1cparAprii2023	1cparApril2023 1cparApril2
b (1,200,000/3,000)	400	Cost per unit
a) 2 Ionau Anni 12022 Ionau Anni	(2,800,000)	l TeparAprii2023 TeparAprii2 Langu (pui12022 Langu (pui12
Y=(2,800,000)+400x	2025	Languagi 12023 Tanguagi 12

#### 4. Separation of fixed and variable element in selling and distribution cost

023 IcparApril2023 IcparApril2	23 To Original budget April 2	023 Iop Revised budget April2
Output wApril2023 IcparApril2	23 IcparApril2023 Icp25,000	023 IcparApril2023 Icp.28,000
Total costs vil2023 IcparApril2	23 IcparApril202 12,600,000	023 IcparApril202314,200,000
Difference in units   cparApril	2   23   IcparApril2023   Icpa 3,000	023 IcparApril2023 IcparApril2
Difference in FRW cparApril	23 IcparApril2023 1,600,000	023 IcparApril2023 IcparApril2
Y=a+bXApril2023 IcparApril2	2 (23 IcparApril2023 IcparApril2	023 IcparApril2023 IcparApril2
b(1,600,000/3,000)	23 IcparApril2023 Icpa <b>533.3</b> 2	023 IcparApril20 Cost per unit
0a23 IcparApril2023 IcparApril2	23 IcparApril202 (733,333.3)	023 IcparApril2023 IcparApril2
Y=(733,333.3)+ 533.3x	2023 IcparApril2023 IcparApril2	2023 IcparApril2023 IcparApril2

## b) Four problems of budget flexing

## The following with budget flexing include the following: 112023 IcparApril2023 IcparApril20

- 1. Splitting mixed costs is not always straightforward which may be very hard for some managers to apply flexed budgeting systems,
  - 2. Fixed costs may behave in a step line fashion as activity levels increase/decrease
  - 3. Consideration must be given to the assumptions upon which the original fixed budget was based. Such assumptions might include the constraint posed by limiting factors, the rate of inflation, judgements about future uncertainty, or demand for the organization's products.
- 4. By flexing a budget, a manager is effectively saying' if I knew then what I know now, this is the budget I would have set'. It is a useful concept but can lead to some concern as managers can become confused and frustrated if faced with continually moving targets.

#### END OF MARKING GUIDE AND MODEL ANSWERS.

83.2 IcparApril2023 IcparApril2023 IcparApril2023 IcparApril2023 IcparApril20 Page 14 of 14