

2023

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# High School Olympiad PREPARATION STUDY GUIDE

# ACCOUNTING

PAST PAPER AND MEMO ROUND ONE AND TWO 2021 & 2022

### **GRADE 11**



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2023

### NATIONAL HIGH SCHOOL OLYMPIAD

NASIONALE HOËRSKOOL OLIMPIADE

Gr 10 11 12

ROUND ONE: 10 MAY ROUND TWO: 2 AUGUST



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2022

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# High School Olympiad

# ACCOUNTING

**GRADE 11** 

# Olympiad Paper Round One

Marks: 30

Time: 1 hour

**Date: 11 May 2022** 









### **Instructions**

- 1. Complete questions on the ANSWER SHEET provided.
- 2. Complete all information on the ANSWER SHEET.
- 3. The ANSWER SHEET consist of 4 sections. Please select the correct section/subject.
- There are 4 possible answers per question (A B C D)
   Only one answer is correct.
   Colour a circle completely.
- 5. Good luck!

## Making a career choice

Choosing a career is one of the most important decisions that you will ever make. Although most people make several career changes in their lifetime, your first career decision will have an impact on various aspects of your life. Your career choice will determine the direction in which you will develop skills, the type of organisation in which you will start working and the income that you will earn.



For most careers in the Finance, Investment, Accounting and Management sector, you will need:

Your Grade 12 (matric) qualification Subjects: Mathematics, Accounting, Economics and Business Studies

What is the Finance and Accounting Services Sector all about? As the largest employer of people with financial management, accounting and auditing skills, this is a particularly important sector in our country.

How it is defined and what it includes depend on various sources, probably because it includes so many fields and thus, career opportunities. For example, in the national accounts and employment surveys done by Statistics South Africa

- such as the Labour Force Survey (LFS), the sector includes real estate activities and a wide range of business services. Think labour brokerages, as well as information technology, legal, engineering and architectural services!

When it comes to this sector, FASSET is the name to remember. This is the Finance and Accounting Services Sector Education and Training Authority (SETA).

The Financial and Accounting Services Sector refers to all the organisations that Fasset supports. Demonstrating the many fields in this sector, these organisations include:

- \* investment entities, trusts and company secretary services
- \* stock broking and financial markets
- \* financial development organisations \* accounting, bookkeeping, auditing and tax services
- \* business and management consulting services \* the South African Revenue Service (SARS)
- \* the national and provincial treasuries\* other activities linked to financial intermediation, such as debt collection

#### Unlocking opportunities

These pathways are often linked to membership of professional bodies and they lead to different career opportunities. Finance and accounting professionals may belong to one or more of a number of professional bodies. Although this is not always a prerequisite to practice in a financial occupation, it can be a requirement.





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FASSET is the proud sponsor of the 2024 Proverto National Olympiad.



#### RECONCILIATIONS

### Best Traders received a bank statement from ABBA Bank for the month ending 28 February 2022.

#### Answer questions 1, 2 and 3.

- 1. The statement indicated that permission was granted to Safe Insure to receive a monthly payment for insurance from the current account of Best Traders. This is known as a/an:
- A debit order.
- B stop order.
- C EFT.
- D cheque.
- 2. The statement indicated two interest entries, one debit entry for R200 and one credit entry for R300. The correct entries that the accountant has to make in the financial records of Best Traders are:
- A debit interest on current account with R200 and credit interest on overdraft with R300.
- B credit interest on current account with R300 and debit interest on overdraft with R200.
- C debit or credit either *interest on current account* or *interest on overdraft* with the net result of R100
- D no entry, as there is an error on the bank statement because the bank statement can't reflect both a debit and a credit entry for interest.
- 3. Which of the following procedures best describes the reconciliation of cash?
- A The bank balance on 31 January 2022 in the General Ledger is compared to the end balance of the bank statement received.
- B The bank balance on 28 February 2022 in the General Ledger is compared to the opening balance of the bank statement received.
- C Cash deposits in the CRJ are compared to the credit entries on the bank statement to ensure that cash deposited corresponds.
- D Cash deposits in the CRJ are compared to the debit entries on the bank statement to ensure that cash deposited corresponds.

Wok This Way owes an amount of R20 000 to a creditor. A discount of R400 is received for early settlement of the account.

#### Answer questions 4 and 5.

4. The effect on the accounting equation is:

	Assets	Equity	Liabilities
Α	-400	-400	
В	+400	+400	
С		+400	-400
D		-400	+400

- 5. The EFT amount for settling the account is:
- A R20 800
- B R20 400
- C R20 000
- D R19 600
- 6. Eggcellent Eats, a wholesaler, supplies goods on credit to Thai Tanic. A credit note was issued to Thai Tanic for the omission of trade discount on the last invoice sent to them. The accountant of Eggcellent Eats recorded the credit note incorrectly as an invoice in the account of Thai Tanic. Which entry must the accountant of Eggcellent Eats make in the account of Thai Tanic to rectify the error?
- A Debit the account with the amount of the credit note.
- B Debit the account with double the amount of the credit note.
- C Credit the account with the amount of the credit note.
- D Credit the account with double the amount of the credit note.

Lord of the Fries purchases frozen chips from Phat Tato. Lord of the Fries paid Phat Tato R11 400 after taking into consideration 5% discount for early payment. Phat Tato did not allow the discount as the payment from Lord of the Fries cleared late in the bank account of Phat Tato.

#### Answer questions 7 and 8.

- 7. Which of the following entries best reflect the correction(s) that Lord of the Fries has to make in their subsidiary ledger?
- A Credit the account of Phat Tato in the Creditors Ledger.
- B Credit the account of Phat Tato in the Debtors Ledger.
- C Debit the account of Phat Tato in the Creditors Ledger.
- D Debit the account of Phat Tato in the Debtors Ledger.
- 8. What was the amount of discount calculated by Lord of the Fries?
- A R570
- B R600
- C R228
- D R114
- 9. Time to Dye is a hairdresser. Anne, the owner, debited one of her clients, Sally's account twice. Sally has paid the full amount owed as she did not pick up on the error. The accountant identified the error. Which entry must Anne make?
- A No entry must be made, as Sally did not pick up on the error.
- B Debit Sally's account with the amount incorrectly debited.
- C Credit Sally's account with the amount incorrectly debited.
- D Credit Sally's account with double the amount incorrectly debited.

#### FIXED ASSETS, DEPRECIATION AND ASSET DISPOSAL

10. Badger Transport bought a second-hand vehicle on credit for delivery purposes. The purchase price was R600 000. The vehicle was resprayed and branded in the colours of Badger Transport. This amounted to R190 000 and was paid in cash. Included in the R190 000 was R45 000 for a major service of the vehicle, as well as the replacement of the brakes. Licence fees amounted to R3 000 for the year and an EFT was made for this amount.

What would the NET EFFECT on the accounting equation be?

	Assets	Equity	Liabilities
Α	-552 000	+48 000	-600 000
В	-407 000	+193 000	-600 000
С	+552 000	-48 000	+600 000
D	+407 000	-193 000	+600 000

The following balances are an extract from the records of Cool Features on 1 March 2021:

Vehicles R1 350 000 Accumulated depreciation on vehicles R270 000

#### Additional information:

- (i) Depreciation is calculated at 20% per year on cost.
- (ii) A new vehicle was purchased on credit for R450 000 on 31 October 2021.

Answer questions 11 and 12.

- 11. Calculate the depreciation for the year ending 28 February 2022.
- A R360 000
- B R300 000
- C R270 000
- D R210 000
- 12. On 28 February 2022 Cool Features had two vehicles according to the asset register. On which date was the first vehicle purchased?
- A 1 March 2020
- B 1 September 2020
- C 1 March 2021
- D 1 September 2021

Equipment consists of 5 identical machines. The balance sheet indicates that the total cost of the equipment is R580 800. The auditor does not agree with this figure as the last unit purchased (unit 5) was not recorded in the financial records. This unit was purchased on credit for R5 000 more than units 3 and 4. These two units were purchased at a price of 20% higher than the original purchase price of units 1 and 2.

Answer questions 13 and 14.

- 13. What was the original purchase price of unit 1 and 2 per unit?
- A R145 200
- B R132 000
- C R116 000
- D R116 160
- 14. Calculate the correct amount that should be included in the balance sheet.
- A R731 000
- B R585 800
- C R575 800
- D R744 200

Equipment is depreciated with the diminishing balance method. The following balances were taken from Wagging Tail Suppliers.

	2021	2020
Vehicles at cost	960 000	800 000
Accumulated depreciation on vehicles	488 320	390 400

The new vehicle was purchased 6 months after the start of the new financial year.

Answer questions 15, 16 and 17.

- 15. Calculate the depreciation amount for the year.
- A R97 920
- B R160 000
- C R471 680
- D R409 600
- 16. Calculate the difference in the carrying value of vehicles between the end of the 2020 and the end of the 2021 financial year.
- A R160 000
- B R97 900
- C R62 080
- D R409 600
- 17. At which rate is depreciation calculated?
- A 10%
- B 15%
- C 20%
- D 25%

- 18. The accountant of Pow Chow introduced the following measures with regards to assets:
  - (i) Acquisitions and disposals of assets must be duly authorised by at least two of the three partners.
  - (ii) All assets in the asset register must be physically inspected on the last day of the financial year in order to verify its existence.
  - (iii) Non-current assets must be registered in the name of one or more of the partners of the partnership.
  - (iv) Depreciation at carrying value will be recorded on either the date of disposal, or on financial year-end in the records of the partners.
  - (v) Depreciation is calculated annually by using either the cost or carrying value of assets depending on which one renders the smallest effect on profits for that year.

Which of these are proper internal control measures?

- A (i) and (ii)
- B (i), (ii) and (iv)
- C (ii), (iii) and (iv)
- D (iii), (iv) and (v)
- 19. Old equipment (cost of R140 000) and accumulated depreciation of R137 000 on 1 July 2021 was sold at carrying value on 31 March 2022. Depreciation is calculated at 20% per year on cost. Calculate the profit on asset disposal.
- A RO
- B R1
- C R3 000
- D R21 000

### PARTNERSHIPS: GENERAL LEDGER ACCOUNTS, ACCOUNTING EQUATION, DISTRIBUTION OF PROFITS AND FINANCIAL STATEMENTS

- 20. The following points describe advantages or disadvantages of a partnership as a form of ownership:
  - (i) A business partner may enhance the ability to borrow money to finance the growth of the business.
  - (ii) A business partner shares the financial burden for operating expenses and capital expenditures needed to manage the business.
  - (iii) A partnership will not pay any income tax as the income tax burden is passed on to the partners.
  - (iv) A partner can be excluded from profit-sharing.
  - (v) A silent business partner will take control of the business, but important decisions will be made jointly.

Which of these are considered to be advantages of a partnership?

- A (i), (ii) and (iii)
- B (ii), (iii) and (iv)
- C (iii), (v)
- D (i), (iii) and (iv)

- 21. Which one of the following would be included in the partners' capital accounts?
- A Salaries paid to partners according to the partners' agreement.
- B Interest on capital as calculated on the opening balances of capital.
- C An increase in the capital contribution of a partner.
- D The total withdrawals of either cash or goods of a partner.
- 22. The current account of partner A shows a debit balance on year-end. This means that:
- A the partner has withdrawn more cash from the partnership in the current year than the cash gained from the partnership in the current and previous years.
- B the withdrawals of partner A was less in the current financial year than the withdrawals of partner A in the previous financial year.
- C partner A has increased his capital contribution in the current financial year and adjustments to the previous years' interest on capital have been made.
- D the partner is responsible in his private capacity for the insolvency of the partnership and that he will only share in the debt of the partnership.
- 23. Which of the following should be fulfilled before a business can be recognised as a partnership?
- A The agreement to conduct business should be in writing.
- B The business has to be registered with CIPRA and SARS.
- C The owners must co-own the business and all owners have a legal claim on the assets of each other.
- D The business should be owned by more than one natural person.
- 24. Which one of the following would be classified as a current liability on the balance sheet of a partnership?
- A The current account of a partner if it has a debit balance.
- B The current account if the bank statement shows a credit balance.
- C The short-term portion of a mortgage loan.
- D Income receivable on the last day of the financial year.
- 25. Partner A and Partner B both receive an annual allowance as salary from the partnership. Partner A has taken the full salary for the year. Partner B has taken only 10 months' salary for the year. The difference in the recording of this would be that:
- A Salary A will be debited with the full amount allocated and Drawings A will be debited with the full amount drawn as salaries. Salary B will be debited with the full amount allocated and Drawings B will be debited with the value of 10 months' salary.
- B Salary A will be credited with the full amount allocated and Drawings A will be credited with the full amount drawn as salaries. Salary B will be credited with the full amount allocated and Drawings B will be credited with the value of 10 months' salary.
- C Salary A will be debited with the full amount allocated and no entry will be made in the Drawings A account.
- D Salary A will be credited with the full amount allocated and no entry will be made in the Drawings A account.

### The following information is an extract from the accounting records of BelMar Traders, a partnership.

	Bella	Marna
Primary distribution	268 000	372 000
Final distribution	172 000	?

#### Answer questions 26 and 27.

- 26. Partner Bella earns a salary of R18 000 per month. She withdrew 10 months' salary. She also receives 10% per annum interest on capital. How much capital did Bella invest in the partnership?
- A R520 000
- B R880 000
- C R216 000
- D R268 000
- 27. BelMar Traders divide profits in a ratio of 4:3. Calculate the amount allocated to Marna as final distribution.
- A R129 000 profit
- B R440 000 profit
- C R330 000 profit
- D R42 000 loss

Up and Away Transport has been renting out one of its storage facilities to Fearless Flight since 1 September 2020. On 30 June 2021, the last day of the financial year, the Rent Income account in the General Ledger of Up and Away Transport had a balance of R372 375. According to the agreement, rent will increase with 5% after 6 months. The rent for July 2021 was received and recorded on 25 June 2021.

#### Answer questions 28 and 29.

- 28. Calculate the correct adjustment that needs to be made to the Rent Income account for the year ending 30 June 2021.
- A Debit the Rent Income account with income received in advance, R34 755.
- B Credit the Rent Income account with income received in advance, R34 755.
- C Debit the Rent Income account with income receivable, R338 522.
- D Credit the Rent Income account with income receivable, R338 522.
- 29. Which accounting principle applies to the adjustment of the rent received?
- A Matching principle
- B Materiality principle
- C Monetary principle
- D Prudence principle

- 30. The partners' equity of a partnership consists of the following:
- A The credit balance of Capital A plus the credit balance of Capital B plus the credit balance of Current account A or minus the debit balance of Current Account A plus the credit balance of Current account B or minus the debit balance of Current Account B.
- B The credit balance of Capital A plus the credit balance of Capital B plus the debit balance of Current account A or minus the credit balance of Current Account A plus the debit balance of Current account B or minus the credit balance of Current Account B.
- C The debit balance of Capital A plus the debit balance of Capital B plus the credit balance of Current account A or minus the debit balance of Current Account A plus the credit balance of Current account B or minus the debit balance of Current Account B.
- D Add the total assets of the partnership to the total liabilities of the partnership in order to obtain the total equity of the partnership.



2021

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# High School Olympiad

# ACCOUNTING

**GRADE 11** 

# Olympiad Paper Round One

Marks: 30

Time: 1 hour

**Date: 12 May 2021** 















### **Instructions**

- 1. Complete questions on the ANSWER SHEET provided.
- 2. Complete all information on the ANSWER SHEET.
- 3. The ANSWER SHEET consist of 4 sections. Please select the correct section/subject.
- There are 4 possible answers per question (A B C D)
   Only one answer is correct.
   Colour a circle completely.
- 5. Good luck!



#### **NATIONAL HIGH SCHOOL OLYMPIAD**

#### **ANSWER SHEET ROUND ONE**

TODAY'S DAT	DAY MONTH	YEAR	GRADE		
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INSTRUCTIONS: Please complete all required information

Colour a circle completely CORRECT MARK

Erase any faulty marks completely Do not fold, tear or damange this form

# PROVERTO EMS OLYMPIAD 2021 – GRADE 11 ACCOUNTING

#### ROUND 1

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the accounts.

the owner's capital contribution in the business. **D** A provision for doubtful debts should be made.

1.		The principle of accounting is the idea that all transactions should be included in the periods during which they actually take place, rather than when cash flow associated with them occurs.
	A B C D	accrual / matching prudence / conservatism consistency going concern
2.		The principle of refers to the idea that all liabilities and expenses should be recorded as soon as possible, while assets and revenues should only be recorded when an accountant is certain they will occur.
	A B C D	accrual / matching prudence / conservatism consistency going concern
3.		The principle entails that the recorded amounts for equity investments, assets and liabilities should not be adjusted for market value, improvements or inflation.
	В	economic entity double entry full disclosure historic cost
4.		Using as basis, credit sales will be recorded when sales take place and not when the customer pays the invoice.
	A B C D	full disclosure monetary unit time period accrual / matching
5.		Which one of the following is an example of the business entity principle?
	Α	Prepayments and depreciation provisions may be carried forward in the expectation of proper matching against the revenues of future periods.
	В	Market conditions, technological changes and the efficiency of management would not be disclosed in

**C** Any payments for the owner's personal expenses by the business will be treated as drawings and reduce

- 6. A business writes off the cost of small-valued assets such as pencil sharpeners, wastepaper baskets and pocket calculators to the profit and loss account as revenue expenditures, although they can last for more than one accounting period. The applicable accounting principle is \_\_\_\_\_\_.
  - A objectivity
  - **B** consistency
  - **C** materiality
  - D accrual / matching

#### **RECONCILIATIONS**

- **7.** What is the name of the document forwarded to customers on a monthly basis to confirm transactions for the month?
  - A Receipt
  - **B** Account statement
  - C Statement of receipts and expenditures
  - **D** Debtors list
- **8.** The following indicates steps in the external reconciliation process of creditors:

#### The accountant of the business who receives the statement should:

- (i) Compare the monthly statement issued against the Creditors Journal in the Creditors Ledger.
- (ii) Compare the debit column of the statement received with the credit side of the Creditors Ledger account and the credit side of the statement received with the debit side of the Creditors Ledger account.
- (iii) Correct any errors and/or omissions in the books of the business from whom the monthly statement was received.
- (iv) Complete the reconciliation statement and correct any errors in the financial records (Creditors Ledger) of the business.

#### Which of these are incorrect?

- **A** (i) and (ii)
- **B** (ii) and (iii)
- C (iii) and (iv)
- D (i) and (iii)
- **9.** Creta Traders received a statement on 28 February 2021 from a supplier, Delta Wholesalers. Only the statement received reflected a credit note for R560.

### Which entry must be made by the accountant of Creta Traders when she is doing the creditors reconciliation?

- A Debit the ledger account of Delta Wholesalers with R560.
- **B** Credit the ledger account of Delta Wholesalers with R560.
- **C** Debit the reconciliation statement with R560.
- **D** Credit the reconciliation statement with R560.

**10.** A statement received indicates a receipt of R2 400 and the ledger account indicates an electronic funds transfer of R4 200. The bank statement indicates that the correct amount was indeed R2 400.

#### Which entry would be made to the ledger account?

- A Debit with R4 200
- B Credit with R4 200
- C Debit with R1 800
- D Credit with R1 800
- 11. Creta Traders did not meet the credit terms as stipulated by Delta Wholesalers, as the payment of R2 880 was made a day late. As such, Delta Wholesalers did not allow the 10% discount for early payments.

#### Which entry will Creta Traders make in their financial records?

- A R2 880 in the CRJ to cancel the payment.
- **B** R3 200 in the CRJ to cancel the payment.
- **C** R320 in the GJ to cancel the discount received.
- **D** R288 in the GJ to cancel the discount received.
- **12.** Foxtrot Motor Spares received a statement from a supplier, Gamma Imports, stating the balance to be paid as R179 500. Foxtrot Motor Spares' records shows the amount owing as R98 440. Inquiries revealed the following:
  - (i) A proof of payment of R45 000 by Foxtrot Motor Spares is still to be recorded by Gamma Imports.
  - (ii) Foxtrot Motor Spares is still to receive an invoice of R32 500 from Gamma Imports.
  - (iii) Foxtrot Motor Spares was not aware that discount of R560 was refused.

#### Calculate the discrepancy that Foxtrot Motor Spares still has to investigate.

- **A** R3 560
- **B** R4 120
- C R12 500
- **D** R3 000
- **13.** Hotel Traders purchases goods from India Wholesalers. On 1 February 2021, Hotel Traders owed India Wholesalers R29 450.

#### **Hotel Traders processed the following transactions:**

- Two invoices from India Wholesalers for purchases during February 2021 for R54 550 and R48 500.
- On 28 February 2021, a third invoice for R23 500 and a proof of payment of R80 640 by Hotel Traders were in transit. When making the payment, Hotel Traders took into account a discount of 4% for early payments of the first two invoices.

#### India Wholesalers processed the following:

• All three invoices and the amount due to India Wholesalers as R156 000.

#### Calculate the amount that Hotel Traders owes India Wholesalers on 28 February 2021.

- A R156 000
- **B** R71 238
- C R29 450
- **D** R75 360

**14.** The trial balance balances when the debtors control account's balance is included in it, but it does not balance when the total of the debtors' list is included.

#### It is clear that the error is in ...

- A both the debtors control account and in the debtors ledger.
- **B** neither the debtors control account nor in the debtors ledger.
- **C** the individual accounts of debtors in the debtors ledger.
- **D** the debtors control account in the general ledger.

#### ASSET DISPOSAL

**15.** Juliett & Co. shows a balance for land and buildings on **28 February 2020** of R3 650 000 on the balance sheet.

Repairs to the existing building during the current financial year amounted to R130 000. The parking area was also upgraded. Carports were installed and the gravel parking area was paved. This amounted to R870 000.

Calculate the figure at which land and buildings will be indicated on the balance sheet **for the year ended 28 February 2021**.

- A R3 650 000
- **B** R4 390 000
- C R4 520 000
- **D** R4 650 000
- 16. The following information was taken from the records of Kilo Bakery:

Balances on 01 March 2020: Vehicles R1 170 000

Accumulated depreciation on vehicles R431 250

**Additional information**:(i) Depreciation is calculated at 25% per year on cost.

(ii) A new vehicle with a cost of R480 000 was purchased on

31 October 2020.

Calculate the depreciation on vehicles for the current financial year ending 28 February 2021.

- **A** R224 688
- **B** R332 500
- C R412 500
- **D** R292 500

17. Lima Traders depreciates equipment at 20% per year using the diminishing balance method. One of the machines used in production was sold and replaced with newer technology on 1 June 2020.

#### Information relating to the disposed equipment:

- The carrying value of the machine on 1 March 2020 was R47 000.
- This machine was sold on credit to a local business woman who is starting her own business. The agreed price was R2 000 more than the carrying value of the machine on the date of sale.

#### One of the correct credit entries in the asset disposal account will be:

- A Debtors Control R42 650
- **B** Bank R47 000
- C Debtors Control R46 650
- **D** Profit on sale of asset R2 000
- 18. Mikes Shop has equipment with a **cost price R244 000 on 28 February 2020**. Equipment consists of **four** identical machines that were all purchased and installed at the same price on the same day. One of these machines was sold and replaced with a new machine that cost 15% more on **1 March 2020**.

Calculate the cost price of the equipment on the last day of the current financial year, 28 February 2021.

- A R374 133
- **B** R314 150
- C R253 150
- **D** R280 600
- **19.** The following are control measures to ensure that non-current assets are safeguarded:
  - (i) Acquisitions and disposals are duly authorised.
  - (ii) The recorded assets are in existence.
  - (iii) The recorded non-current assets are owned by the partners.
  - (iv) Depreciation is recorded in the accounting records of the business.
  - (v) Depreciation is correctly calculated using fluctuating statistical methods and useful lifespan.

#### Which of these measures are NOT proper internal control measures?

- **A** (i), (ii) and (iii)
- **B** (iii), (iv) and (v)
- C (iii) and (v)
- **D** (i), (iv) and (v)

#### PARTNERSHIPS AND FINANCIAL STATEMENTS

- **20.** An advantage of operating as a partnership would be:
  - A One partner will always be a silent partner and as such have no input in decision making.
  - **B** More capital can be raised by issuing shares.
  - **C** Access to a larger amount of initial capital.
  - **D** Limited liability as business and partners are seen as separate entities.

- **21.** Which one of the following would not be included in the partners' current accounts?
  - A Salaries paid to partners
  - **B** Interest on capital
  - **C** Drawings
  - **D** Goodwill
- Mr A and Mr B are in a partnership sharing profits in a ratio of 3:2.
  - Net profit for the year ending 28 February 2021 was calculated as R120 000.
  - Interest on capital was allocated as R4 000 to Mr A and R3 500 to Mr B.
  - Mr B received a monthly partnership salary of R5 000.

#### Calculate how much more profit Mr B will receive than Mr A in the final distribution.

- A R10 500
- **B** R31 500
- C R21 000
- **D** R49 000
- **23.** A debit balance on a partner's current account indicates that:
  - A the partner has withdrawn more than they have earned in the partnership.
  - **B** drawings are lower that the profit share for that specific financial year.
  - **C** the partner has a credit balance on his capital account.
  - **D** the partner is in fact insolvent.
- **24.** The correct entry to record Partner A's salary is:

	DEBIT	CREDIT				
Α	Capital Account: A	Salaries Account: A				
В	Salaries Account: A	Current Account: A				
C	Current Account: A	Appropriation Account				
D	Appropriation Account	Current Account: A				

- **25.** Which of the following characteristics should exist to recognise a business as a partnership?
  - **A** The business must be owned by at least two natural persons.
  - **B** There needs to be a co-ownership, a business and an intention to share profits.
  - **C** The business needs to be registered with CIPRA.
  - **D** The owners should have a written agreement to conduct business as partners.
- **26.** Which one of the following would be listed among current assets on a balance sheet of a partnership on the last day of the financial year?
  - **A** The value of trading stock on hand on the first day of the current financial year.
  - **B** The value of trading stock on hand on the last day of the current financial year.
  - **C** Prepaid expenses on the last day of the previous financial year.
  - **D** Income receivable on the last day of the previous financial year.

- **27.** For which one or more of the following reasons would you advise partners to have their financial statements professionally audited?
  - (i) So that all partners may feel that their interests are protected.
  - (ii) It is a legal requirement.
  - (iii) To avoid disputes and possible litigation.
  - (iv) It enhances the prestige of the business.

#### **Choose the correct combination:**

- **A** (i) and (iv)
- B (i) and (iii)
- C (iii) and (iv)
- **D** (ii) and (iii)
- **28.** November Traders, a partnership, maintains separate Capital accounts and Current accounts for each partner.

#### Which one or more of the following should be credited to the Current accounts?

- (i) Share of profit from the partnership.
- (ii) Any drawings made by a partner during the financial year.
- (iii) Any rent, salary or interest due to a partner.
- (iv) Additional capital introduced by a partner during the year.

#### **Choose the correct combination:**

- **A** (i) and (iv)
- B (iii) and (iv)
- C (ii) and (iii)
- **D** (i) and (iii)
- Kara, Lara and Mara are in partnership with an agreement that provides for a salary of R2 000 per month to Kara, interest of their fixed capital balances at 6% per annum and profit sharing in the ratio 3:2:1.
   Capital account balances of Kara, Lara and Mara were R500 000, R300 000 and R200 000 respectively.
   Profit for the year ended 31 March 2021 was R728 400.

#### Calculate the partnership profit each partner is entitled to.

	KARA	LARA	MARA
Α	R346 200	R214 800	R107 400
В	R322 200	R214 800	R107 400
С	R376 200	R232 800	R119 400
D	R352 200	R250 800	R131 400

**30.** Dolly, Molly and Polly are in partnership on the basis of an agreement which provides for equal sharing of profits after allowing Dolly a salary of R3 000 per month. Dolly drew her salary regularly at the end of each month. Partnership profit for the year ended 30 June 2021 was R312 000.

Calculate the amounts with which the respective current accounts will change if Dolly drew an additional R10 000 on 1 December 2020 while Molly drew R20 000 on 1 January 2021 and Polly R15 000 on 1 April 2021.

	DOLLY	MOLLY	POLLY			
Α	+ R92 000	+R92 000	+R92 000			
В	+ R82 000	+R72 000	+R77 000			
С	- R92 000	- R92 000	- R92 000			
D	- R82 000	- R72 000	- R77 000			





2022

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## High School Olympiad

# ACCOUNTING

**GRADE 11** 

## Olympiad Paper Round Two

Marks: 30

**Time: 1 hour** 

Date: 3 August 2022









### **Instructions**

- 1. Complete questions on the ANSWER SHEET provided.
- 2. Complete all information on the ANSWER SHEET.
- 3. The ANSWER SHEET consist of 4 sections. Please select the correct section/subject.
- There are 4 possible answers per question (A B C D)
   Only one answer is correct.
   Colour a circle completely.
- 5. Good luck!

#### RECONCILIATIONS

- 1. A Creditors' Reconciliation Statement is done starting with the:
- A opening balance of the statement received from the creditor.
- B closing balance of the statement received from the creditor.
- C closing balance of the Creditors Control Account in the General Ledger.
- D closing balance of the Creditors Account in the Creditors Ledger.
- 2. The bank statement received for the month ending 30 April indicates a debit order in favour of Eagle Insurers for R1 250.00. Which one of the following indicates the correct way of recording this by the accountant?
- A The accountant must make no entry in the accounting records as the transaction already reflects on the bank statement received.
- B The entry must be recorded in the CPJ by making an entry in the Bank column as well as in the Money column of the Sundry Accounts for insurance.
- C The entry must be recorded in the General Journal where Insurance will be debited and Accounts Payable will be credited.
- D The accountant must contact the bank as she is not sure whether this transaction should reflect on the bank statement.
- 3. An EFT of R10 925 was made on time on 30 June 2022 to pay a creditor. The accountant did not enter the transaction in the accounting records of the business. The creditor allows a discount of 5% on early payments. The correct entry on the Balance Sheet dated 30 June 2022 will be:
- A increase Bank with R10 925 and decrease Creditors with R10 925.
- B decrease Bank with R10 925 and decrease Creditors with R10 925.
- C increase Bank with R11 500 and decrease Creditors with R11 500.
- D decrease Bank with R10 925 and decrease Creditors with R11 500.
- 4. A credit note received from a supplier for stock returned was omitted from the relevant journal. This will have an effect on the:
- A balance of the Trading Stock as well as the balance of the Creditors Control Account in the General Ledger.
- B balances of the Trading Stock Account and the Debtors Control Account in the General Journal.
- C balance of the Creditors Control Account in the General Ledger, as well as the list of creditors as per the Creditors Ledger.
- D balance of the Trading Stock, the balance of the Creditors Control Accounts in the General Ledger, as well as the list of creditors as per the Creditors Ledger.

#### **NON-CURRENT ASSETS**

- 5. When calculating depreciation using the diminishing balance method:
- A a constant percentage is multiplied by a declining book value.
- B a declining percentage is multiplied by a constant book value.
- C a constant percentage is multiplied by the previous year's depreciation expense.
- D a variable percentage is multiplied by the previous year's depreciation expense.
- 6. The Land and Buildings Account would include all the following costs except:

- A the cost of servicing the property with water, sewerage and electricity.
- B the cost of building a perimeter fence.
- C the commission paid to the real estate agents.
- D the cost of demolishing the existing buildings before a new building can be erected.
- 7. The book value of non-current assets is equal to the:
- A fair value of the assets less its historical costs.
- B assets' cost less accumulated depreciation.
- C replacement cost of the assets.
- D historical costs of the assets less the current year's depreciation.
- 8. Equipment that cost R144 000 and accumulated depreciation of R120 000, is disposed of for R34 000 cash. The disposal of the equipment will result in a:
- A profit of R24 000.
- B loss of R24 000.
- C profit of R10 000.
- D loss of R10 000.
- 9. Equipment with a cost of R450 000 has an estimated lifespan of 4 years. It has to be depreciated by using the straight-line method. At the end of the fourth year, a decision is made by management to use the equipment for another year. What is the amount of depreciation that has to be recorded for the FOURTH year?
- A R90 000
- B R112 500
- C R89 999
- D R112 499
- 10. B&D Partners paid R80 000 for a vehicle two-and-a-half years ago. Accumulated depreciation on this vehicle for the two-and-a-half years is R50 000. The vehicle was traded in on a new vehicle and this transaction generated a loss on disposal of R5 000. The missing entry in the asset disposal account is:
- A credit Asset Disposal with Creditors Control R25 000.
- B credit Asset Disposal with Creditors Control R35 000.
- C debit Asset Disposal with Debtors Control R25 000.
- D debit Asset Disposal with Debtors Control R35 000.

#### PARTNERSHIPS

- 11. The following are transactions related to a partnership:
  - (i) Additional capital invested by one or more of the partners.
  - (ii) A reduction of capital by one or more of the partners.
  - (iii) The profit or loss for the current financial period.
  - (iv) Cash withdrawals by one or more of the partners.
  - (v) Total cash receipts and cash payments for the year as recorded in the journals.

Which combination will not cause a change in the capital of the partnership?

- A (i) and (ii)
- B (ii) and (iv)
- C (iii) and (v)
- D (iii), (iv) and (v)
- 12. Alex, Dana and Taylor commenced trading as partners. Their capital contributions were R200 000, R200 000, and R100 000 respectively. The partnership agreement was made verbally. At the end of the first year, the business made a profit of R420 000. How must the profit be shared amongst Alex, Dana and Taylor?
- A Each one of them must receive an equal portion of the R420 000.
- B As there is no written agreement, none of them can share in the profit.
- C The profit must be shared in the same ratio as their capital contributions.
- D The profit must be retained by the partnership, a written agreement has to be signed, and the profit has to be distributed amongst the partners.
- 13. Partners A, B and C have no partnership agreement. Partners A, B, and C are entitled to:
- A an annual salary.
- B interest on capital.
- C commission.
- D a share in the profits.
- 14. Partnership DEF is declared insolvent. The partnership has R60 000 in assets and total liabilities of R180 000. Which one of the following best describes the effect when the partnership is dissolved?
- A There is no reason for the partnership to be dissolved and therefore, the business will continue.
- B The partners will most likely start a new business.
- C The partners will be personally liable for the debt of the partnership.
- D The partners will be relieved from any obligation to pay the debt of the partnership.
- 15. What is the current income tax rate for partnerships?
- A 15% VAT is payable on all chargeable items.
- B 28% income tax on the net profit of the partnership.
- C 28% income tax on the turnover of the partnership.
- D 0% as the partners will pay income tax on their profit share.
- 16. Partners A and B are entitled to 10% interest on capital as agreed. Both partners' capital accounts show a balance of R500 000. The interest on capital will be:
- A provided for from the profits of the current year.
- B provided for from accumulated profits from previous financial years.
- C expensed in the Income Statement of the partnership.
- D capitalised against the individual capital accounts of the partners.
- 17. Entries for partners' salaries, withdrawals, interest on capital and profit shares are recorded in the:
- A capital accounts of partners.

- B current accounts of partners.
- C relevant expense accounts of partners.
- D Profit and Loss Account of the partnership.
- 18. A and B are equal profit-sharing partners in Partnership AB. A's capital is R100 000 and B's capital is R60 000. Interest is payable at 6% per year and B is also entitled to an annual salary of R36 000. Profits for the year after interest and salary paid to B is R54 000. Profits will be divided as follows between A and B:

	Profit share A	Profit share B
Α	27 000	27 000
В	27 000	42 600
С	33 000	27 000
D	33 000	66 600

- 19. Three partners A, B, and C start a business. Partner B contributed four times the capital that Partner C contributed. Partner A contributed one-and-a-half times the capital that Partner B contributed. At the end of the first financial year, the net profit remaining after the primary distribution was done, was correctly calculated as R165 000. The final profit share that will be paid to Partner B is:
- A R90 000.
- B R60 000.
- C R16 500.
- D R15 000.
- 20. Partner A and Partner B share profits and losses in the ratio of 4:1. Mr. Carlson is a manager that works in the partnership. Mr. Carlson receives a monthly salary of R2 000. In addition, Mr. Carlson also receives a commission of 5% on net profits AFTER charging the said commission. Profit for the year ending February 2022 was correctly calculated as R339 000 before including the salary of Mr. Carlson in the calculations. Calculate the total remuneration of Mr. Carlson for the year ending 28 February 2022.
- A R24 000.
- B R39 000.
- C R15 000.
- D R16 950.

#### ANALYSIS AND INTERPRETATION

- 21. Which one of the following does not describe the purpose of analysing financial statements?
- A To assess the current and past performance of the partnership.
- B To identify reasons for changes in the profitability of a partnership.
- C To provide the information required by the users of financial statements for informed decision-making.
- D To predict future receipts and payments and the resulting surplus or shortages of cash in the partnership.
- 22. Which one of the following is not seen as an external user of information obtained by analysing the financial statements of a partnership?

- A Potential suppliers of the partnership.
- B Creditors of the partnership.
- C Managing partners of the partnership.
- D Financial institutions that provide loans.
- 23. The following information is an extract from the accounting records of Partnership AB on 30 June 2022:

	30 June 2022	30 June 2021
Partners' equity	3 446 000	2 940 000
Non-current assets	3 282 000	2 328 000
Current assets	800 000	1 488 000
Current liabilities	436 000	276 000
Non-current liabilities	134 000	478 000
Gross profit	2 028 000	1 798 000
Net profit	626 000	747 000

Calculate the return on equity for 2022.

- A 21.29%
- B 18.16%
- C 19.61%
- D 23.39%
- 24. A partner wants to determine whether the partnership has the cash flow to afford the payments if they take out a loan. Which ratio figure will he use to obtain the required information?
- A Return on equity.
- B Gearing ratio.
- C Liquidity ratio.
- D Profitability ratio.
- 25. YDM Traders, a partnership consisting of Partner Y, Partner D and Partner M, has a total capital balance of R120 000 on 1 January 2021. Additional capital investments for the year ending 31 December 2021 amounted to R40 000 and total withdrawals for all three partners for the corresponding period amounted to R80 000. The net income for the year was correctly calculated as R100 000. The end balances of the partners' capital accounts are in ratio 4:2:4.

Calculate the respective end balances of the capital accounts of each of the partners on 31 December 2021.

	Υ	D	M
Α	R80 000	R40 000	R80 000
В	R90 000	R45 000	R90 000
С	R64 000	R32 000	R64 000
D	R136 000	R68 000	R136 000

#### CASH BUDGETS

26. The following information was taken from Zia Hair Emporium for the month ending 31 July 2022:

Balance on 1 July 2022: R120 000 Cash receipts: R108 000

Cash payments: R?

Balance on 31 July 2022: R100 000

The total cash payments for July 2022 were:

- A R20 000
- B R8 000
- C R128 000
- D R228 000
- 27. A cash budget for the six months ending 30 September 2022, shows an anticipated overdraft of approximately R9 500. Which of the following would reduce the expected overdraft?
- A Allowing customers two months' credit, instead of one month's credit.
- B Cash purchases instead of one month's credit.
- C Charging depreciation on fixed assets at 25% on the straight-line basis, rather than 20%.
- D Assets being leased, rather than purchased for cash.
- 28. Partnership AB had an opening bank balance of R60 000 on 1 January 2022. An extract of a cash budget is provided.

	January 2022	February 2022	March 2022
Net receipts/(payments)	(R72 000)	(R43 000)	R37 000

At the end of March 2022, Partnership AB will:

- A require no overdraft facility.
- B require an overdraft facility of R18 000.
- C have a favourable bank balance of R37 000.
- D require an overdraft facility of R78 000.
- 29. Projected credit sales for Partnership AB are shown below:

	January 2022	February 2022	March 2022
Projected credit sales	R600 000	R900 000	500 000

20% of a month's sales are collected in the month of sale. Another 70% are collected in the month following sales and the remaining 10% are collected in the second month following sales. Bad debts are negligible and can be ignored. Calculate the expected cash receipts from debtors for March 2022.

- A R790 000
- B R590 000
- C R650 000
- D R560 000

- 30. Which one of the following would decrease the cash available on the last day of a month?
- A Capital expenditure.
- B Depreciation.
- C Provision for bad debts.
- D Accrued expenses.

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2021

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# High School Olympiad

# ACCOUNTING

**GRADE 11** 

## Olympiad Paper Round Two

Marks: 30

Time: 1 hour

Date: 04 Aug 2021









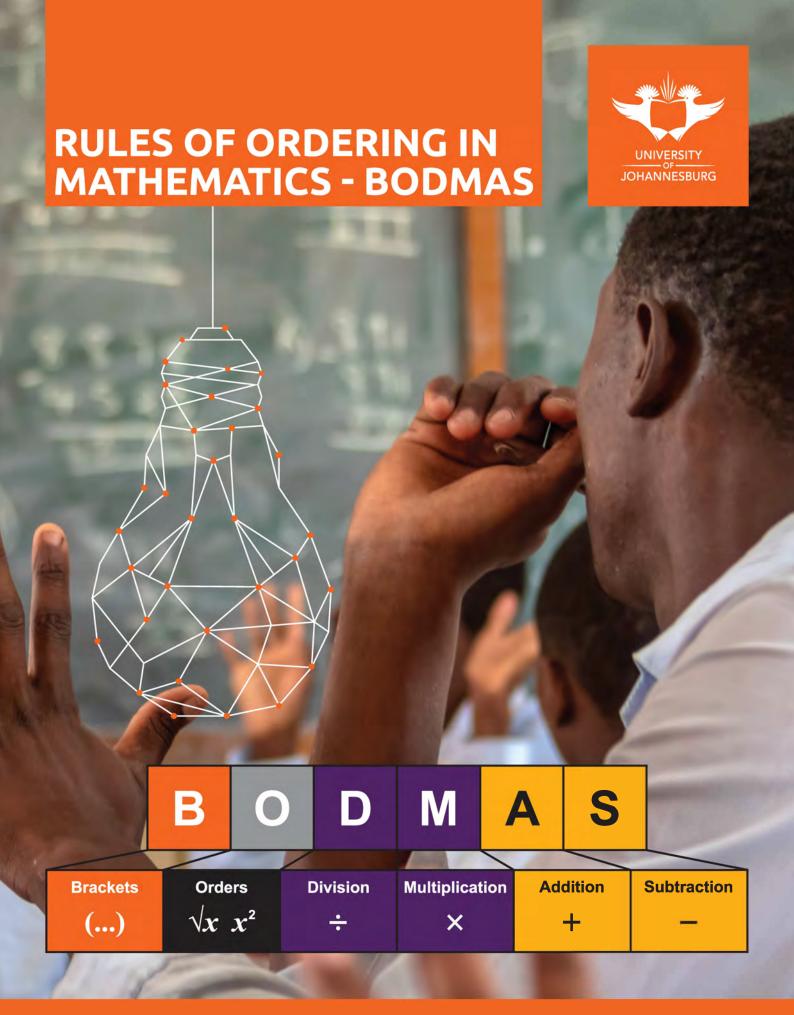






### **Instructions**

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   Colour a circle completely.
- 5. Good luck!



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# PROVERTO EMS OLYMPIAD 2021 – GRADE 11 ACCOUNTING

#### ROUND 2

#### **RECONCILIATION**

- 1. How can a business ensure that a creditor's account is correctly recorded and therefore that the correct amount is paid on time?
  - Creditors list is compared monthly to the Creditors control account to find any errors or omissions.
  - ii. Creditors ledger accounts are compared monthly to the Creditors statement of account to find any errors or omissions.
  - iii. Management can do random spot checks on the creditors clerk's work as part of the control procedure.
  - iv. Division of duties in creditors department will ensure that one person is not responsible for the ordering, receipt, payment and reconciliation of creditors accounts.

#### Choose the best internal control options:

- A ii and iv
- **B** i and ii
- C i, ii and iv
- **D** All of the above
- 2. A return entry of R670 from a debtor was correctly recorded in the Debtors Allowances Journal, but it was incorrectly recorded to the wrong side of debtor, M. Colin's, account.

#### Which action is needed in the debtors reconciliation process?

- A Debit R670 in the Debtors ledger of the business.
- **B** Credit R670 in the Debtors ledger and Debtors control account of the business.
- **C** Debit R1 340 in the Debtors control account of the business.
- **D** Credit R1 340 in the Debtors ledger of the business.
- **3.** A credit balance of R320 on the account of Spieth Stores in the Debtors ledger must be transferred to his account in the Creditors ledger.

#### Which action is needed in the reconciliation process?

	DEBTORS RECONCILIATION		CREDITORS RECONCILIATION	
	DEBTORS CONTROL	DEBTORS LIST	CREDITORS CONTROL	CREDITORS LIST
Α	320		(320)	
В	320	320	320	320
С		320		(320)
D	(320)	(320)	320	320

4. When reconciliation was done between the creditors' ledger account of a business and the statement received from the creditor, discount of R3 150 was discovered in the ledger, but not on the statement. After consultation with the creditor, they agreed to grant R2 150 worth of discount only.

### Which action is required in the creditors' reconciliation process?

	CREDITORS LEDGER		CREDITORS RECONCILIATION STATEMENT	
	DEBIT	CREDIT	DEBIT	CREDIT
Α		1 000		2 150
В		1 000	2 150	
С	3 150			3 150
D		2 150	2 150	

5. Due to a delay in the post, the account from Marrow Traders was received late. The accountant made the payment of R57 000 after the usual discount of 5% for early settlement was taken into account.

Marrow Traders informed the business that neither the payment nor the discount was received nor granted. Instead, 2,5% per month interest was charged for 2 months on the overdue account; this was brought into account on the statement. After close investigation, the business found that the payment was paid over to the wrong creditor's bank account.

### Which action is required in the creditors' reconciliation process?

	CREDITORS LEDGER		CREDITORS RECONCILIATION STATEMENT	
	DEBIT	CREDIT	DEBIT	CREDIT
Α		60 150		
В		57 000	57 000	
С		59 850	2 850	
D		63 000		

**6.** The trial balance balances when the debtors control account's balance is included in it, but it does not balance when the total of the debtors' list is included.

### It is clear that the error is in ...

- A both the debtors control account and in the debtors ledger.
- **B** neither the debtors control account nor in the debtors ledger.
- **C** the individual accounts of debtors in the debtors ledger.
- **D** the debtors control account in the general ledger.

### **FIXED ASSETS**

7. Fire Ltd sold unused land for cash at cost price to solve cashflow problems. This property was bought by Skyline Properties (Pty) Ltd. The majority shareholder of Skyline Properties (Pty) Ltd is Cathy Carreira, the wife of Fire Ltd's CEO.

As an internal auditor, you would be concerned about the disposal of the land. Which unethical behaviour could the CEO be guilty of?

- **A** Nepotism
- **B** Whistleblowing
- **C** Counterfeiting
- **D** Insider trading

### 8. Extract from the list of balances on 28 February:

	2021	2020
Property, plant and equipment	5 180 000	3 450 000

- Depreciation for the year ending 28 February 2021, R345 100.
- A new vehicle was purchased during the year for R305 000.
- Machinery was sold at carrying value on 28 February 2021 for R120 800.

The business also bought a new piece of land during this year which they want to develop. What was the purchase price of the land?

- A R1 425 000
- **B** R1 569 100
- C R1 730 000
- **D** R1 890 900

### 9. Extract from the list of balances on 31 May:

	2021	2020
Equipment	875 000	650 000
Accumulated depreciation on equipment	449 250	351 000

On 31 May 2020, the business already used the equipment for 4,5 years. New equipment was purchased during the year; no equipment was sold. Depreciation is calculated on the cost price method.

### On what date was the new equipment purchased?

- **A** 1 June 2020
- B 1 September 2020
- C 1 December 2020
- **D** 1 May 2021

### 10. What is the purpose of an asset register?

- A The ledger accounts of assets show each individual asset; therefore, all assets must be shown as a total amount in the register.
- **B** It helps the business to see on which days of the month the assets were used and for how long.
- **C** To only show the historical cost price of all assets bought.
- **D** It is part of the internal control process of the business to keep record of each individual asset.

### 11. Extract from the list of balances on 30 September:

	2021	2020
Land and building	R3 250 000	R1 850 000
Vehicles	R555 000	R260 000
Accumulated depreciation on vehicles	?	R97 500

### **Vehicles:**

- On 1 October 2020, the business owned two identical vehicles, originally bought on the same date.
- On 1 June 2021, the business traded in one of their vehicles at carrying value. On the same date, the business purchased a new vehicle.
- The business depreciates vehicles at 15% on cost.

### Indicate how the above FIXED ASSET information would affect each statement.

	INCOME STATEMENT FOR THE YEAR ENDING 30 SEPTEMBER 2021	BALANCE SHEET ON 30 SEPTEMBER 2021
Α	R47 250	R3 722 000
В	R50 063	R3 720 812
С	R53 750	R3 715 500
D	R83 250	R3 624 250

### 12. Study the Asset disposal account.

### **ASSET DISPOSAL**

2021	Vehicles	355 000	2021	Accumulated depreciation	?
Apr, 30			Apr, 30	on vehicles	
				Bank	?
				Loss due to theft	42 000

• One of the business's vehicles was stolen from the premises overnight. The insurance informed the business that 75% of the carrying value of the vehicle would be paid out.

Calculate the accumulated depreciation on vehicles on the day that the theft took place.

- **A** R145 000
- **B** R187 000
- C R257 000
- **D** R313 000

### 13. As an internal auditor, what measures could be taken to safeguard the fixed assets?

- i. Keep a detailed individual fixed asset register on each asset.
- ii. Do random spot checks often on the fixed assets to determine their usefulness.
- iii. Install software in the vehicles that can monitor routes and use.
- iv. Employees that use the fixed asset must sign in using a logbook.
- v. Install dashcams in the vehicles that can monitor the drivers.
- vi. Keep the fixed assets locked away at night.
- vii. Never allow an employee to take a fixed asset home for personal use.

### Choose the best option:

- **A** ii, iii, iv and v
- **B** i, ii and iv
- C i, iii, iv, vi and v
- **D** All of the above

### **PARTNERSHIPS**

### 14. Study the extract from the Balance Sheet:

	NOTE	
CURRENT ASSETS		1 150 200
Inventory	4	520 000
Trade and other receivables	5	389 200
Cash and cash equivalents	6	241 000

### Why should current assets be placed in this specific order on the Balance Sheet?

- **A** Due to the alphabetical order.
- **B** Due to the numerical order.
- **C** Due to the order of liquidity.
- **D** Due to the order of importance.
- **15.** A drop in percentage between gross profit on turnover and operating profit on turnover is mainly caused by ...
  - **A** operating expenses.
  - **B** financing cost (interest expense).
  - **C** operating incomes.
  - **D** returns from debtors.
- **16.** Solvency is equal to ...
  - **A** working capital.
  - **B** total assets.
  - C owners equity.
  - **D** total liabilities.

- **17.** Fixed deposits maturing and short-term portions of loans are relocated on the Balance sheet to enable better accuracy when analysing...
  - A solvency.
  - **B** liquidity.
  - C risk.
  - **D** return on equity.

### 18. LOAN AND INTEREST

The following loan statement was received from Nedbank:

Balance on 1 March 2020	?
Repayments (interest included)	?
Interest capitalised	?
Balance on 28 February 2021	725 000

After all repayments for the current year were done, the balance of the Loan account was R680 000.

During the following financial year there would be a loan repayment of R48 000 made on the capital portion of the loan.

Indicate how the above LOAN AND INTEREST information would affect each statement.

	INCOME STATEMENT FOR	BALANCE SHEET ON 28 FEB 2021		
	THE YEAR ENDING 28 FEB 2021	NON-CURRENT LIABILITIES	CURRENT LIABILITIES	
Α	(R45 000)	R725 000	R48 000	
В	(R68 000)	R680 000	R48 000	
С	(R45 000)	R677 000	R48 000	
D	(R48 000)	R632 000	R48 000	

**19.** A business has a total of R48 300 outstanding debtors at the end of the financial year, 30 April 2021.

The following entries must still be taken into consideration before preparing the financial statement on 30 April 2021.

- Interest charged on overdue debtors, R1 250.
- Debtors with credit balances of R3 470 must be transferred to the Creditors ledger.
- A debtor was declared insolvent. His estate paid out 75 cents in the rand.
   The amount of R1 200 was received and correctly recorded. Write off the remainder of the account.
- Provision for bad debts (1 May 2020) totalled R2 280.
- Provide for 5% provision on outstanding debt.

Calculate the provision for bad debts adjustment that is needed on 30 April 2021.

- A R4 expense
- B R135 expense
- C R291 expense
- D R351 expense

### 20. EXTRACT FROM THE PRE-ADJUSTMENT TRIAL BALANCE ON 31 MARCH 2021

Trading sto	549 000

The following adjustments were not yet taken into account at year end:

- The owner took trading stock (selling price, R3 500; cost price, R2 000) for own use.
- On 20 March 2021, there was a burglary at the storeroom and a lot of stock is missing. The insurance informed the business that only 75% of the claim would be paid out at R65 250.
- A physical stock-take was done on 31 March 2021 and amounts to R468 000.

Choose the correct trading stock deficit/surplus adjustment needed for the year ending 31 March 2021.

	ACCOUNT DEBITED	ACCOUNT CREDITED	ASSETS	OWNERS EQUITY	LIABILITIES
Α	Trading stock deficit	Trading stock	- 13 750	- 13 750	0
В	Trading stock deficit	Trading stock	- 12 250	- 12 250	0
С	Trading stock	Trading stock surplus	+ 8 000	+ 8 000	0
D	Trading stock	Trading stock surplus	+ 9 500	+ 9 500	0

### 21. Study the Insurance account provided.

### **INSURANCE**

2020 Mar	1	Prepaid expenses	2 080		
2020 Jul	1	Bank	3 276		
2021 Jan	1	Bank	3 480		

Insurance premiums are reviewed every six months, increased and paid in advance.

### Choose the correct insurance adjustment needed for the year ending 28 February 2021.

	ACCOUNT DEBITED	ACCOUNT CREDITED	ASSETS	OWNERS EQUITY	LIABILITIES
Α	Bank	Insurance	- 3 480	- 3 480	
В	Prepaid expenses	Insurance	+ 2 320	+ 2 320	
С	Accrued expenses	Insurance		- 2 320	+ 2 320
D	Prepaid expenses	Insurance	+ 1 160	+ 1 160	

### 22. EXTRACT FROM THE PRE-ADJUSTMENT TRIAL BALANCE ON 30 APRIL 2021

Rent income	175 000
-------------	---------

A section of our building has been let since 1 May 2012. The rent was decreased by 10% as from 1 January 2021. According to the rental agreement, rent must be paid one month in advance.

Calculate the correct rent income adjustment amount that must be removed from the rent income account for the year ending 30 April 2021.

- A R12 500
- **B** R12 600
- C R14 000
- **D** R14 260

### 23. Study the information from the extract provided:

### **INCOME STATEMENT**

	2021	2020
Sales	1 925 300	1 860 200
Gross profit	673 850	558 060
Operating profit	423 560	446 448
Net profit	367 970	288 330

### **BALANCE SHEET**

	2021	2020
Capital	?	2 450 000
Current account	?	367 500
Non-current	748 200	815 000
liabilities		
Current liabilities	39 710	42 300

The debt/equity ratio on 31 March 2021 is 0,24:1

Calculate the percentage return on average partners equity for the year ending 31 March 2021.

- **A** 10,5%
- **B** 11,1%
- **C** 11,8%
- **D** 12,4%
- **24.** What is the correct formula to calculate the percentage return on partner Calitz's equity?

A Calitz: Primary profit share + Final profit share 
$$\frac{100}{1/2}$$
 (Capital: Calitz (beginning of year) + Capital: Calitz (end of year))  $x = \frac{100}{1}$ 

$$B \quad \frac{Net \, profit}{Partners \, equity} \, x \, \frac{100}{1}$$

Calitz: Partner salary + Interest on capital + Partner bonus + Final profit share
$$\frac{\text{Calitz: Partner salary + Interest on capital + Partner bonus + Final profit share}}{\text{1/2 (Equity: Calitz (beginning of year) + Equity: Calitz (end of year))}} x \frac{100}{1}$$

D 
$$\frac{\frac{1}{2}(Calitz: Primary profit share + Final profit share)}{Equity: Calitz} x \frac{100}{1}$$

### 25. Study the financial indicators provided from Hornbill Traders for the year ending 31 May:

	2021	2020
Current ratio	2,1:1	3,7:1
Acid test ratio	1,5:1	1,2:1
Stock holding period	89 days	122 days
Average debtors collection period	40 days	42 days
Return on partners equity	22%	18%
Net profit on sales	16,5%	15%

### Did the business make better liquidity choices during 2021?

- i. Hornbill Traders has better control over their debtors in 2021, which indicates more effective management of working capital.
- ii. Stock holding period declined in 2021, and now they run the risk of running out of stock.
- iii. Current ratio is better in 2021; in 2020, the ratio was too high, indicating that funds were tied up in stock.
- iv. Return on partners' equity improved in 2021, which indicates effective cash management.
- v. Hornbill Traders has improved the net profit on turnover percentage in 2021, which indicates more effective operating efficiency.

### Choose the best combination.

- A ii
- **B** i and iii
- C iii, iv and v
- **D** All of the above

### **CASH BUDGETS**

- **26.** The aim of a projected income statement is...
  - A a forecast of future receipts and expenses in order to predict the future profits.
  - **B** a forecast of future receipts and payments in order to predict the future cash.
  - **C** a forecast of future incomes and expenses in order to predict the future profits.
  - **D** a forecast of future incomes and expenses in order to predict the future cash.
- **27.** The aim of a cash budget is ...
  - A a forecast of future receipts and expenses in order to predict the future profits.
  - **B** a forecast of future receipts and payments in order to predict the future cash.
  - **C** a forecast of future incomes and expenses in order to predict the future profits.
  - **D** a forecast of future incomes and expenses in order to predict the future cash.

### 28. Study the following extract from the cash budget of March 2022 to May 2022:

	MARCH	APRIL	MAY
Fixed deposit: Standard bank (8% p.a.)		?	
Interest on fixed deposit	2 130	2 130	1 860

The planned maturing date of a portion of the fixed deposit is 30 April 2022.

### How much is budgeted to pay out to the business of the fixed deposit on 30 April 2022?

- **A** R3 375
- **B** R24 625
- C R40 500
- **D** R55 000

### **29.** Which account does not belong on a cash budget?

- A Cash sales
- **B** Payment to creditors
- **C** Discount received
- **D** Selling price from cash sale of asset

### 30. Study the debtors collection schedule to the cash budget.

- Fixed percentages are used for the projections.
- Discount of 5% is allowed for collections within the current month of sale.
- 2% of outstanding debtors are written off after 60 days.

MONTHS	CREDIT SALES	MARCH	APRIL	MAY
January	380 000	45 600		
February	415 000	269 750	49 800	
March	600 000	119 700	390 000	?
April	?		95 760	?
May	436 000			?
TOTAL		435 050	535 560	?

### Calculate the expected debtors collection for May.

- **A** R455 382
- **B** R470 982
- C R475 560
- **D** R489 282



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## **ROUND 1 RONDE**

GR 11 MEMO

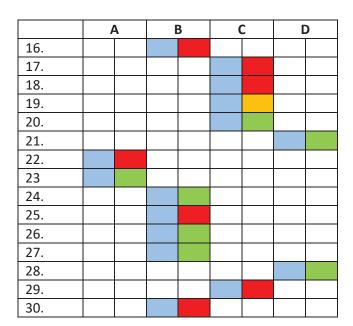
# MEMORANDUM 2021

ANSWER

LOWER LEVEL MODERATE LEVEL HIGHER LEVEL

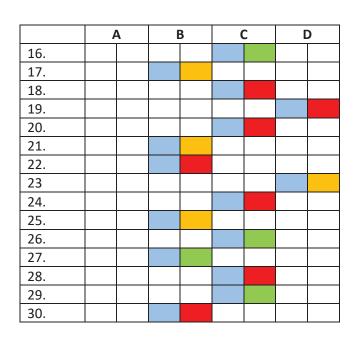
### **ACCOUNTING / REKENINGKUNDE**

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## **ROUND 2 RONDE**

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4.C

5.D















## MEMORANDUM R2

### **ACCOUNTING GR 11 REKENINGKUNDE**

No	Answer	Level
1	В	
2	В	
3	D	
4	D	
5	Α	
6	С	
7	В	
8	С	
9	D	
10	Α	

9.C

10.C

14.D

15.A

No	Answer	Level
11	D	
12	С	
13	D	
14	С	
15	D	
16	Α	
17	В	
18	D	
19	В	
20	В	

No	Answer	Level
21	D	
22	С	
23	С	
24	С	
25	С	
26	С	
27	D	
28	В	
29	Α	
30	Α	

### **GRADE 11 GRAAD**

### **ROUND ONE MEMORANDUM RONDE EEN**

### ACCOUNTING / REKENINGKUNDE

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1.A 2.B		6.D 7.A	11.B 12.A	16.C 17.C	21.C 22.A	26.A 27.A			
3.C		8.B	13.B	18.A	23.D	28.A			

19.A

20.A

24.C

25.A

29.A

30.A

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The Nedbank External Bursary Programme aims to fund academically deserving students who do not have the financial means to study fulltime towards a first undergraduate degree or diploma at a South African public university or university of technology.

Bursaries are awarded to address scarce and future skill requirements in the financial sector with specific focus on **Green Economy** skills.

### **CRITERIA FOR SELECTION:**

To be eligible for the Nedbank bursary, you must:

- be a South African citizen;
- have a proven financial need, as determined by your
- household income:

### have achieved:

- a minimum academic average of 65% in the year that you are applying for the bursary; and
- a minimum academic average of 65% for the required subjects aligned with the qualification you plan to study towards at university; and
- not have completed your grade 12 or senior certificate with mathematics literacy; and
- have successfully obtained admission approval to a South African public university or university of technology for the undergraduate qualification you plan to study towards.

### THE APPLICATION PROCESS:

We screen bursary applications against our external bursary selection criteria and we award bursaries through the Nedbank Educational Trust, at the sole discretion of the trust.

# IF YOU ARE SHORTLISTED, WE WILL ASK YOU TO:

- submit the relevant documents for financial review;
- o participate in psychometric and other assessments; and
- attend an interview.

For the complete application process and a list of required documents, please visit our website at

www.nedbank.co.za/bursary.

There you can also find more information on opening dates and apply online.

All candidates will receive **feedback on the status** of their application at the completion of the recruitment and selection process (expected to be completed by the end of 2023).

**Contact information** 

Email: Unlockyourambition@nedbank.co.za

Bursaries are granted at Nedbank's sole discretion.