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EMS Olympiad GRADE 7

DATE: 1 AUGUST 2025

TIME: 90 MINUTES

INSTRUCTIONS:

1. This booklet has 30 multiple choice questions and 10 open ended questions.
2. Use the answer sheet provided.

   Circle the letter corresponding to your answer.
3. All working details must be done in the space provided.
4. Calculators are permitted.
5. Diagrams are not necessarily drawn to scale.
6. The first 30 questions carry 1 mark each and the next 10 carry 2 marks each.
7. You have 90 minutes for the paper which works out to an average of 2.25 minutes per question.
8. Read the questions carefully before answering.
9. Visit the website: www.saolympiads.co.za.

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Grade Seven EMS Olympiad 2025

SECTION A

Indicate the most correct answer by indicating the correct letter on the answer sheet provided.

1. What was used as a medium of exchange before money was invented?
a) Credit cards
b) Bartering goods
c) Coins and paper notes
d) Electronic transactions

(1)

2. Goods that are intangible and cannot be stored are known as:
a) Tangible goods
b) Services
c) Consumer goods
d) Capital goods

(1)

3. What is a key characteristic of inequality?
a) Equal distribution of income
b) Unequal access to opportunities
c) High employment rates
d) Equal education levels

(1)

4. What was the major disadvantage in the barter system?
a) The availability of goods
b) Lack of trust between traders
c) Difficulty in finding a double coincidence of wants
d) Oversupply of goods

(1)

5. Which of the following contributes to poverty?
a) Equal access to education
b) Wealth redistribution programs
c) Affordable healthcare services
d) High levels of unemployment

(1)

6. Why is the division of labour important in the production process?
a) It increases productivity by allowing workers to specialise
b) It slows down production to improve quality
c) It reduces costs by eliminating machinery
d) It limits economic growth

(1)

7. How does the informal sector contribute to the economy?
a) It reduces employment opportunities
b) It provides jobs for many people but is often unregulated
c) It increases government revenue through taxes
d) It reduces economic inequality significantly

(1)

8. Which civilisation is credited with creating the first standardised form of money?
a) The Sumerians in Mesopotamia
b) The Egyptians
c) The Chinese
d) The Romans

(1)

9. Which of the following statements is true about South African banknotes?
i. They feature unique numbering
ii. They contain cave art images
iii. They are made of paper only
iv. They have only one security feature
v. They include images of historical figures

a) (i), (ii), and (v)
b) (i), (ii), and (iv)
c) (i), (iii), and (v)
d) (ii), (iii), and (iv)

(1)

10. Which of these is an example of a variable expense?
a) Monthly rent
b) Internet subscription fees
c) Grocery bills
d) Car loan repayment

(1)

11. If a person earns R10,000 per month and spends R7,000, what is their monthly savings?

a) R3,000
b) R7,000
c) R10,000
d) R17,000

(1)

12. A company's balance sheet includes:

a) Monthly expenses
b) Assets, liabilities, and equity
c) Daily sales figures
d) Employee schedules

(1)

13. What is the main difference between gross income and net income?

a) Gross income includes expenses, net income does not
b) Net income is before expenses, gross income is after expenses
c) Net income is gross income minus deductions such as taxes
d) They are the same thing

(1)

14. A person plans to save 20% of their monthly income of R12,000. How much will they save each month?

a) R1,200
b) R2,400
c) R3,600
d) R6,000

(1)

15. A business earns R50,000 from sales, spends R20,000 on salaries, R15,000 on raw materials, and R5,000 on rent. What is its profit?

a) R10,000
b) R15,000
c) R20,000
d) R25,000

(1)

16. Use the information below to answer the question:

Mr. and Mrs. Daniels have two children. Sarah, the wife, works in an office, while her husband Mark, is an electrician who runs his own business and receives a salary every month.

They also earn additional income from renting out two garages and have money in a savings account that earns interest. The Daniels family rents a four-bedroom house. Below is a list of their monthly income and expenses:

- Sarah's salary: R17 800
- Mark's salary: R12 900
- Garage rental: R3 000
- Interest on savings account: R250
- Monthly rental for House: R9 200
- Food: R7 800
- School fees: R4 900
- Phone bills: R2 050
- Clothing: R750
- Transport / petrol: R1 900
- Insurance: R1 100
- Medical bills: R680
- Bank charges: R120
- Other expenses: R1 400
- Entertainment: R1 700

Which of the following statements about the Daniels family's monthly financial situation is correct?

a) The Daniels family's total income is R33,950 and their total expenses are R33,600.
b) The Daniels family's income exceeds their expenses by R9,860.
c) The Daniels' total monthly income from salaries and rental income is R33,700.
d) The Daniels family's total expenses are R33,600, which is more than their total income of R33,700. (1)

17. Use the information below to answer the question.

Andy's Smoothie Bar earns R28,000 per month. Her expenses for November 2024 are as follows:

- Rent: R6,200
- Salaries: R5,800
- Water and Electricity: R2,500
- Advertising: R1,100
- Ingredients: R2,700
- Wages: R1,800

Additionally, Andy's business receives R900 per month from interest on a fixed deposit.

At the end of November 2024, the bank balance was R2,800.

Based on the information provided, which of the following statements correctly represents Andy's financial situation for November 2024?

a) Andy's total income for November 2024 is R28,900, and her total expenses are R20,100, resulting in a net profit of R8,800.
b) Andy's total income for November 2024 is R28,900, and her total expenses are R20,200, resulting in a net profit of R8,700, which aligns with the bank balance.
c) Andy's total income for November 2024 is R28,900, and her total expenses are R21,200, resulting in a net loss of R7,700, which is more than the bank balance.
d) Andy's total income for November 2024 is R28,900, and her total expenses are R20,200, resulting in a net profit of R8,700, and a bank balance of R2,800.

(1)

18. Based on Andy's Smoothie Bar's financial information for November 2024, what will her bank balance be at the end of January 2025 if she continues to earn the same monthly income and incur the same expenses?

a) R2,800
b) R4,400
c) R8,800
d) R11,600

(1)

19. Which of the following is an example of a financial transaction?
a) salary advice
b) promissory note
c) ATM slip
d) buying a packet of chips from the tuckshop

(1)

20. A person who owns shares in a company is called:
a) A shareholder
b) A creditor
c) A supplier
d) A debtor

(1)

21. What is the main goal of market research when starting a business?
a) To reduce business costs
b) To create government policies
c) To find out customer needs and preferences
d) To avoid competition

(1)

22. The term "break-even point" refers to:
a) The moment when a business makes its first profit
b) The point where total income equals total expenses
c) A company's peak financial performance
d) A time of significant losses

(1)

23. An entrepreneur has R5,000 to invest in starting a business. What would be the first step?
a) Spend all the money on advertising
b) Hire employees before planning
c) Open a second business immediately
d) Research and create a solid business plan

(1)

24. What term refers to the overall net worth of a business?
a) Drawings
b) Assets
c) Capital
d) Owner's Equity

(1)

25. The term used for collecting and analysing information about consumers preferences for specific products is known as?
a) Target market
b) Gimmicks
c) Market research
d) SWOT analysis

(1)

26. "It's finger lickin' good" in KFC' s advert is …
a) an example of a business logo
b) an example of a business slogan
c) an example of a slogan in a jingle
d) an example of a gimmick

(1)

27. What is the VAT percentage set at currently in South Africa?
a) 12%
b) 13%
c) 14%
d) 15%

(1)

28. A small business sells handmade candles. The fixed costs for the business each month are R2,000, which include rent and salaries. The variable cost to produce each candle is R20, and the selling price of each candle is R50. If the business sells 200 candles in a month, what will be the total cost of producing and selling the candles?
a) R6,000
b) R8,000
c) R12,000
d) R14,000

(1)

29. Which of the following formulae is incorrect in relation to pricing and cost calculations?
a) Cost price = Fixed cost + Variable cost
b) Mark-up = Selling price – Cost price
c) Cost price = Selling price + Mark-up
d) Selling price = Cost price + Mark-up

(1)

30. Which of the following represents the correct order of Maslow's Hierarchy of Needs, starting from the most basic to the highest level?

a) Self-actualization, Esteem, Safety, Physiological, Love and Belonging
b) Physiological, Safety, Love and Belonging, Esteem, Self-actualization
c) Safety, Physiological, Esteem, Love and Belonging, Self-actualization
d) Love and Belonging, Physiological, Safety, Esteem, Self-actualization

(1)

SECTION B

What is the appropriate word for each definition?

1. Who acts as a middleman between producers and consumers. (2)

2. The concept that drives businesses to pursue financial gain and success through business activities. (2)

3. Documents sent by the bank monthly, to show the record that the bank has, of the money that they have received and paid out of the account. (2)

4. The problem of unlimited wants and limited resources. (2)

5. Buying, Making, Selling and receiving a profit. (2)

6. An incentive for sales representatives to make more sales. (2)

7. The rate at which the price of goods and services rises. (2)

8. The financial term which describes the total amount of money a business generates before deducting any expenses. (2)

9. A strategy that involves setting goals and determining the actions necessary to achieve them, typically including the allocation of resources. (2)

10. The current minister of finance. (2)

TOTAL MARKS = 50