



ZIMBABWE SCHOOL EXAMINATIONS COUNCIL
GRADE SEVEN EXAMINATION

MATHEMATICS
PAPER 2

702/2

SPECIMEN PAPER

Time: 2 hours

Candidates answer on the question paper.

Time: 2 hours

INSTRUCTIONS TO CANDIDATES

1. Write your name, centre number and candidate number on the spaces at the top of this page.
2. Answer **all** questions in **Section A** and any **three** questions in Section B.
3. If more than **three** questions are answered in **Section B**, the first three will be considered.
4. If working is needed for any question it must be shown in the space below that question.
5. Omission of essential working may result in loss of marks.
6. Answers must be written in the spaces indicated below each question.
7. Do **not** measure from given diagrams.
8. Electronic calculators and slide rules **must not** be used in the examination.

This specimen paper consists of 7 printed pages and 1 blank page.

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Section A (25 marks)

*Answer **all** questions in this section.*

1. Write down 500 in Roman numerals.

Answer _____ [1]

2. (a) Increase 57 by 43.

- (b) Find the value of $0,4 \times 0,02$.

- (c) Simplify $\frac{3}{4} + \frac{3}{8}$.

Answer (a) _____ [2]

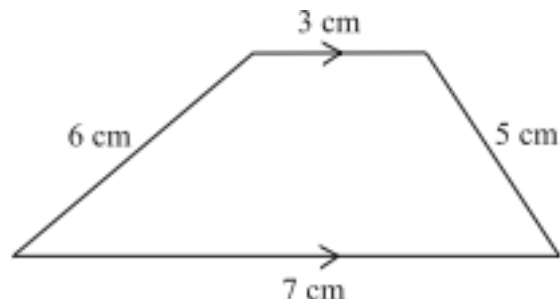
(b) _____ [2]

(c) _____ [2]

3. Express half past twelve midnight in 24 hour notation.

Answer _____ [1]

4.



- (a) Name the shape above.
- (b) State the number of dimensions of the shape.
- (c) Calculate the perimeter of the shape.

Answer (a) _____ [1]

(b) _____ [1]

(c) _____ [2]

5. Find the lowest common multiple (L.C.M) of 6 and 9.

Answer _____ [2]

6. Find the value of 2^5 .

Answer _____ [2]

[Turn over

7. Mr Moyo had 80 animals on his farm. 25% of them were goats, 50% were sheep and the rest were donkeys.
- (a) Find the number of sheep and goats.
 - (b) Express the number of donkeys as a proper fraction of the 80 animals in its lowest terms.

Answer (a) _____ [3]

(b) _____ [2]

8. Tendai bought a hoe at \$4,60, a suitcase at \$6,70 and a shirt at \$10,30.
- (a) Find how much Tendai paid altogether.
 - (b) Calculate the change she got from a \$50 note.

Answer (a) _____ [2]

(b) _____ [2]

Section B (15 marks)

Answer any **three** questions in this section.

Each question carries 5 marks.

9. Sam wrote a test after a fortnight and got 84 marks out of 120.

- (a) Write down the number of days in a fortnight.
- (b) Express Sam's mark as a percentage.
- (c) Express Sam's mark as a fraction of the total marks, in its lowest terms.

Answer (a) _____ [1]

(b) _____ [2]

(c) _____ [2]

10. The table shows dates of birth for three children.

Linda	Rufaro	Cynthia
21-10-1982	11-06-1969	24-04-1976

- (a) Name the eldest child.
- (b) From the table, state the leap year.
- (b) Find Cynthia's age in 1992.

Answer (a) _____ [1]

(b) _____ [2]

(c) _____ [2]

[Turn over]

11. John and Jane contributed \$200 and \$300, respectively to start a business.
- (a) Express Jane's contribution to John's as a ratio in its simplest form.
 - (b) They made a profit of \$150 and shared it according to the ratio of their contributions.

Calculate Jane's share.

Answer (a) _____ [2]

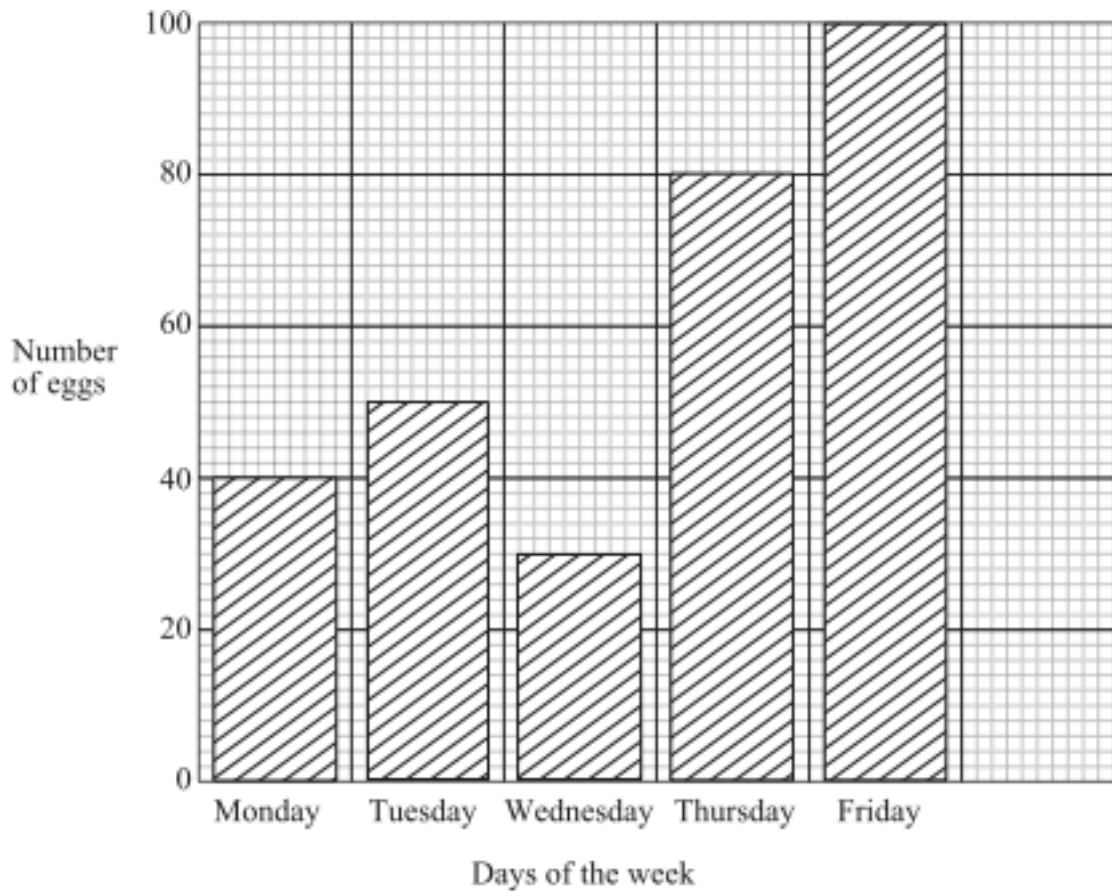
(b) _____ [3]

12. Mr Mpofu's rectangular plot is 400 m by 300 m.
- (a) Calculate the perimeter of the plot.
 - (c) What is the area of his plot in hectares?

Answer (a) _____ [2]

(b) _____ [3]

13. The graph shows the number of eggs laid by hens in five days.



- (a) State the day the least number of eggs were laid.
- (b) Find the difference between the number of eggs laid on Friday and Tuesday.
- (c) The total number of eggs laid during the 5 days was 300. Calculate the daily average number of eggs laid.

Answer (a) _____ [1]

(b) _____ [2]

(c) _____ [2]

