

## ZIMBABWE SCHOOL EXAMINATIONS COUNCIL General Certificate of Education Ordinary Level

# PURE MATHEMATICS

4027/1

SPECIMEN PAPER

2 hours 30 minutes

Candidates answer on the question paper.

Additional materials: Formulae booklet

Mathematical tables/ electronic calculator

Allow candidates 5 minutes to count pages before the examination.

This booklet should not be punched or stapled and pages should not be removed.

TIME 2 hours 30 minutes

#### INSTRUCTIONS TO CANDIDATES

Write your name, Centre number and candidate number in the spaces at the top of this page and your Centre number and Candidate number on the top right corner of every page of this paper.

Answer all questions.

Check that all the pages are in the booklet and ask the invigilator for a replacement if there are duplicate or missing pages.

Write your answers in the spaces provided on the question paper using black or blue pens.

If working is needed for any question it must be shown in the space below that question.

Omission of essential working will result in loss of marks.

Decimal answers which are not exact should be given correct to three significant figures unless stated otherwise. Answers in degrees should be given correct to one decimal place.

#### INFORMATION FOR CANDIDATES

The number of marks is given in brackets [] at the end of each question or part question. Electronic calculators or Mathematical tables may be used to evaluate explicit numerical expressions.

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