

Cambridge IGCSE™

CANDIDATE
NAME

CENTRE
NUMBER

| | | | | | |
|--|--|--|--|--|--|
| | | | | | |
|--|--|--|--|--|--|

CANDIDATE
NUMBER

| | | | | |
|--|--|--|--|--|
| | | | | |
|--|--|--|--|--|



DESIGN & TECHNOLOGY

0445/51

Paper 5 Graphic Products

October/November 2022

1 hour

You must answer on the two pre-printed A3 question sheets.

You will need: Two A3 pre-printed question sheets (enclosed)
Standard drawing equipment
Coloured pencils

INSTRUCTIONS

- Section A: answer **all** questions.
- Section B: answer **one** question.
- Write your name, centre number and candidate number in the boxes at the top of the page and on **both** pre-printed question sheets.
- Answer in the space provided on the question sheets.
- Do **not** use an erasable pen, staples, paper clips, glue or correction fluid.
- Do **not** write on any bar codes.
- You may use a calculator.
- You may use standard drawing equipment, including coloured pencils.
- You must show all construction and projection lines clearly where appropriate.
- At the end of the examination, insert both sheets into this booklet. Do **not** punch holes in the cover and sheets or tie with string.

INFORMATION

- The total mark for this paper is 50.
- The number of marks for each question or part question is shown in brackets [].
- All dimensions are in millimetres.

This document has 4 pages. Any blank pages are indicated.

BLANK PAGE

BLANK PAGE

BLANK PAGE

Permission to reproduce items where third-party owned material protected by copyright is included has been sought and cleared where possible. Every reasonable effort has been made by the publisher (UCLES) to trace copyright holders, but if any items requiring clearance have unwittingly been included, the publisher will be pleased to make amends at the earliest possible opportunity.

To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced online in the Cambridge Assessment International Education Copyright Acknowledgements Booklet. This is produced for each series of examinations and is freely available to download at www.cambridgeinternational.org after the live examination series.

Cambridge Assessment International Education is part of Cambridge Assessment. Cambridge Assessment is the brand name of the University of Cambridge Local Examinations Syndicate (UCLES), which is a department of the University of Cambridge.