

CANDIDATE
NAME

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CENTRE
NUMBER

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CANDIDATE
NUMBER

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MATHEMATICS (SYLLABUS D)

4024/12

Paper 1

October/November 2015

2 hours

Candidates answer on the Question Paper.

Additional Materials: Geometrical instruments

READ THESE INSTRUCTIONS FIRST

Write your Centre number, candidate number and name on all the work you hand in.

Write in dark blue or black pen.

You may use a pencil for any diagrams or graphs.

Do not use staples, paper clips, glue or correction fluid.

DO **NOT** WRITE IN ANY BARCODES.

Answer **all** questions.

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.

ELECTRONIC CALCULATORS MUST NOT BE USED IN THIS PAPER.

The number of marks is given in brackets [] at the end of each question or part question.

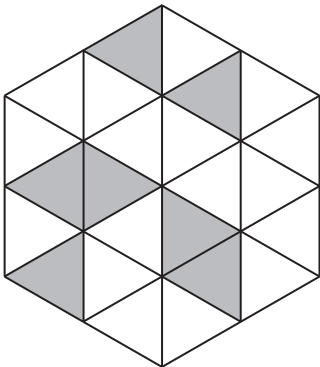
The total of the marks for this paper is 80.

This document consists of **20** printed pages.



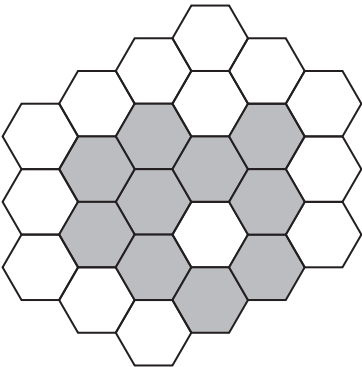
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1 1 ~~QH1 WZP3~~
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1 n@

1 CDL QH1 WZP3
1 1 ~~QH1 WZP3~~



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1 DaFaG1Q H1B1W

G11TD11TH1
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1 ~~QH1 WZP3~~

1 1 1pppppppppppppppp1a11pppppppppppppppp1a11pppppppppppppp
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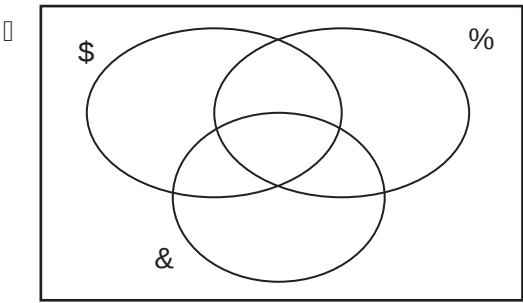
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nc1 CD1 2021 11/11

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$$E \quad \wedge$$

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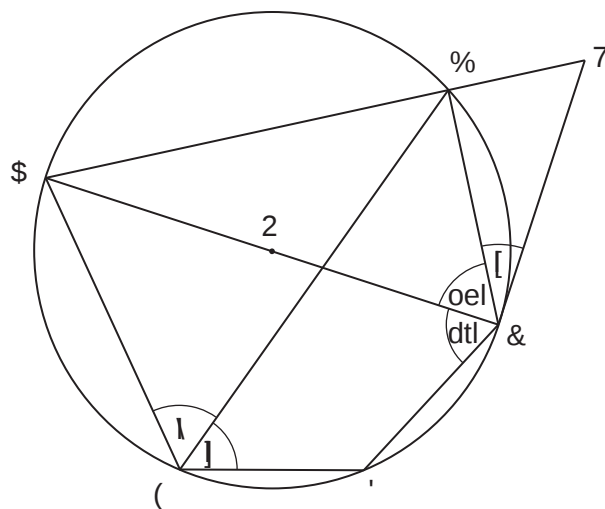
$$+ \wedge \quad [\quad]$$

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1 ~~QED~~ $\$a\%a11Q (1\%Q\%1Q$ 2p
1 ~~& 1WQ~~
1 ~~QED~~ $\&1WQ$ $\%1Q$ 7p
1 $\angle B = 62^\circ$ $\angle D = 70^\circ$

$$D \quad Q \quad [$$
$$\mathbb{Q} \quad [\quad @$$
$$E \quad Q \quad \backslash$$

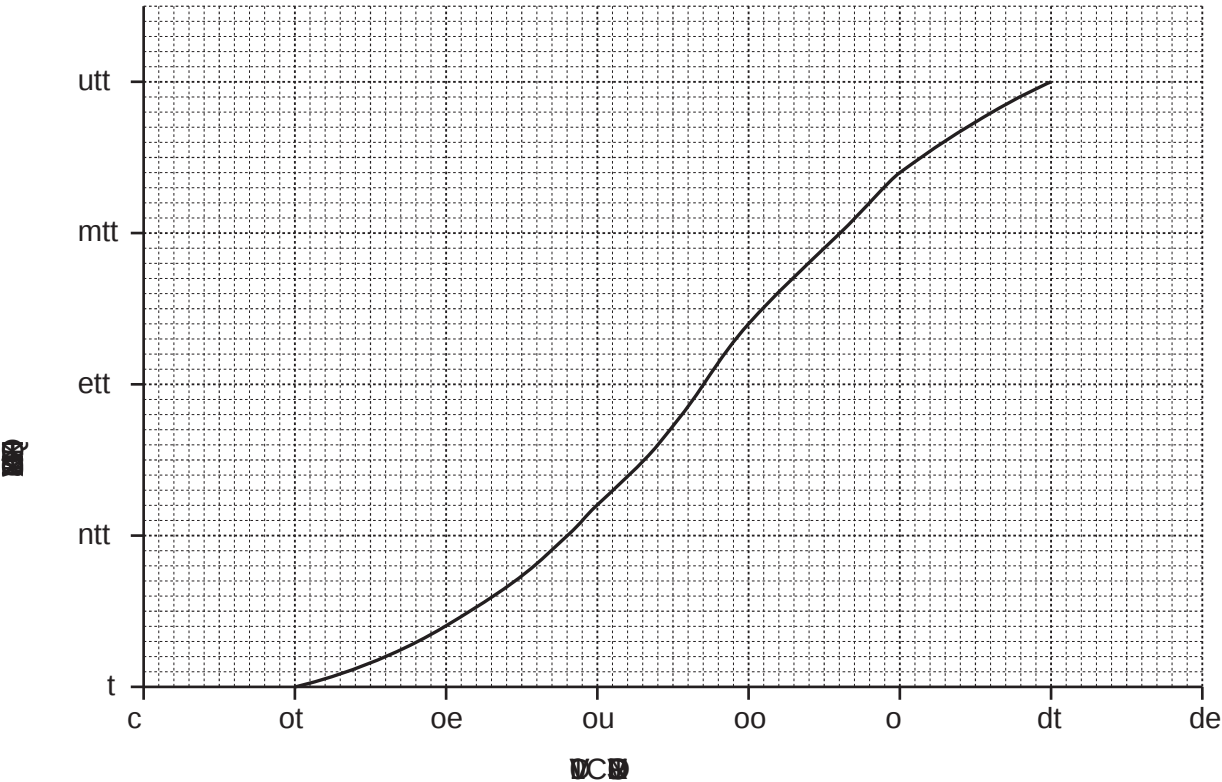
$\mathbb{Q} \quad \backslash \quad \mathbb{Q}$

$$\mathbb{F} \quad \mathbb{Q} \quad]$$
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1 $KORPUB1nccl1Bmutlp
1 $KORPUB1nccl1Bmutlp
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[illegible]

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1

1 CE1 ~~WQ~~~~/~~ ~~1R~~~~EW~~~~/~~ssp

[illegible]

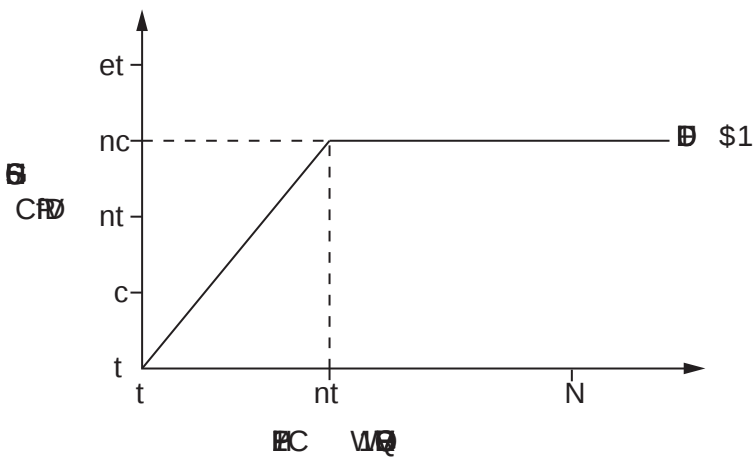
1 CEL ~~VQKPKKKRK~~snVQsmGAV

1 CGI ~~DATA~~

1 CBL Q~~W~~etmp

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[illegible]

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	$\frac{Q}{Q}$	$\frac{W}{W}$	$\frac{M}{M}$	%

N **N**

Q N

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 1 7_n a7_10 7_1B1V 17 \$D1V a17 \$D1R 107 &D1V p11
 1 B1V \$1B1 Cna1tDa1Cta1nD10 Cna1mDp
 1 B1V n1V1c m

D Q c mc m



E V c m

L C m



L V 0

Q 0



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