(Graduated Assessment)

FOUNDATION TERMINAL PAPER – SECTION A

Tuesday **7 JUNE 2005** Afternoon 1 hour

Candidates answer on the question paper.
Additional materials:
Geometrical instruments
Pie chart scale (optional)
Tracing paper (optional)

Candidate Name	Centre Number	Car Nu

TIME 1 hour

INSTRUCTIONS TO CANDIDATES

- Write your name, Centre number and candidate number in the boxes above.
- Answer **all** the questions.
- Write your answers, in blue or black ink, on the dotted lines unless the question says oth
- Read each question carefully and make sure you know what you have to do before sta answer.
- There is a space after most questions. Use it to do your working. In many questions mar given for a correct method even if the answer is incorrect.

INFORMATION FOR CANDIDATES

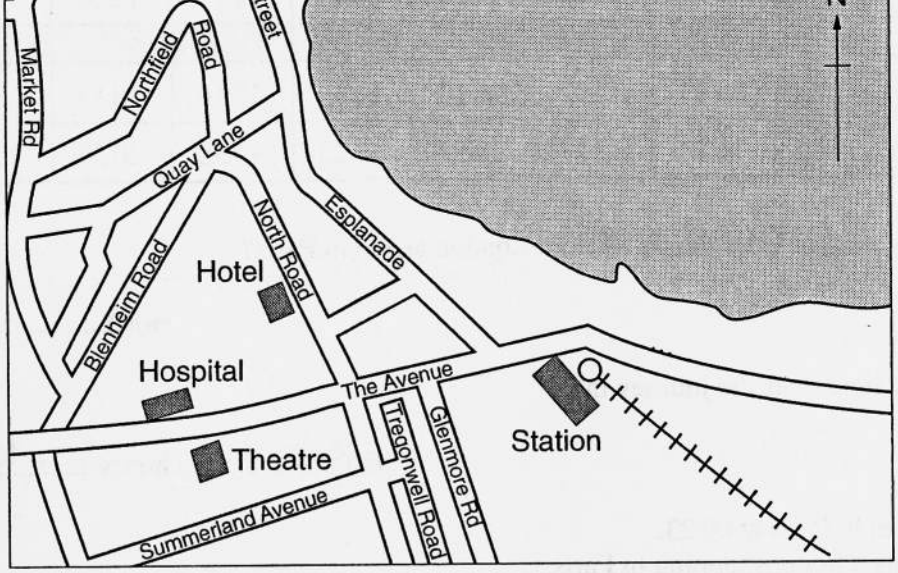
- The number of marks is given in brackets [ ] at the end of each question or part questio
- The total number of marks for this Section is 50.

WARNING

You are not allowed to use a calculator in Section A of this paper.

FOR EXAMINE	
Section A	
Section B	
TOTAL	

This question paper consists of 10 printed pages and 2 blank pages.



(a) Andy turns left out of the Station.
He walks along The Avenue.

(i) Which compass direction is he walking in?

(a)(i) .....

(ii) Which building is on his right?

(ii) .....

(b) Roger comes out of the Hotel and turns left into North Road.
He turns left into Blenheim Road.

Which compass direction is he walking in?

(b) .....

(c) Val walks from the Hotel to the Art Gallery.

Complete these directions for her journey.

Turn left out of the Hotel into North Road.

Turn ..... into Quay Lane.

Turn left into ....

Paris	13 43	15 07	16 10	16 43	17 16	18 19	19
London	16 28	17 57	18 57	19 25	19 58	20 54	22

(a) **(i)** At what time does the 08 12 from London arrive in Paris?

(a)(i) .....

(ii) How long does the journey take?

(ii) .....hours .....

(b) Bev arrives in Paris at 09 23.
She spends 8 hours shopping in Paris.

What is the time of the next train she can catch back to London?

(b) .....

(c) Mary is taking her grandchildren to Paris for the day.
She needs 1 adult ticket and 3 child tickets.
This table shows the ticket prices.

	Single	Return
Adult	£40	£59
Child	£25	£48

How much does she save altogether by buying 4 return tickets instead of single ticke

(c) £.....

(a) ..... + ... = 80

(b) ..... − ..... = 8

(c) $\frac{1}{2}$ of ..... = 24

(d) $\frac{3}{4}$ of 24 = ...

(e) ..... and ..... are multiples of 10

(f) ..... is a square number

(g) $2 + 5 \times 6 =$ .....

(h) $(21 - 13) \times (14 - 8) =$ .....

Queen	Bohemian Rhapsody	1975	2·1
Wings	Mull Of Kintyre	1977	2·0
Boney M	Brown Girl In The Ring	1978	1·9
Boney M	Mary's Boy Child	1978	1·7
John Travolta & Olivia Newton John	You're The One That I Want	1978	1·9
Frankie Goes To Hollywood	Relax	1983	1·9
Band Aid	Do They Know It's Christmas	1984	3·5
Robson & Jerome	Unchained Melody	1995	1·8
Elton John	Candle In The Wind	1997	4·8

(a) Which single sold the nearest to two million?

.....

(b) Write down the five largest sales in order, largest first.

....

Largest

(c) There are three singles from 1978 in the top ten.

How many records did the three 1978 singles sell altogether?

(c) .....

6

5 This map shows the temperatures in some Italian cities one day in winter.

(a) Which city is coldest?

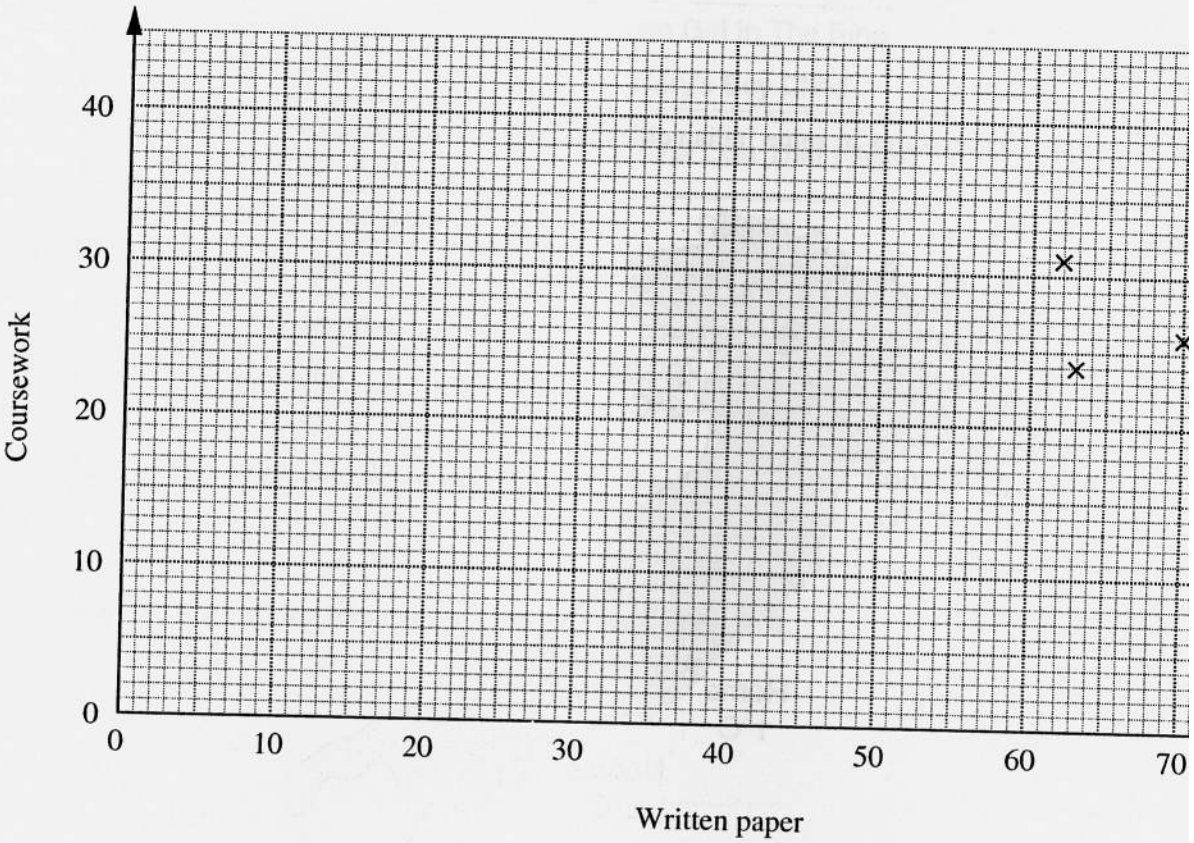
(a) .....

(b) Complete these sentences.

(i) Genoa is ..... degrees warmer than Milan.

(ii) Genoa is ..... degrees colder than Naples.

The marks for the first six candidates have been plotted on the scatter diagram below.



(a) Complete the scatter diagram.

(b) Describe the correlation.

.....

.....

(c) **(i)** Draw a line of best fit on the scatter diagram.

(ii) Sajid scored 22 on his coursework but was absent for the written paper.

Use your line of best fit to estimate his mark on the written paper.

(c)(ii) .....

(a)(i) .....

(ii) 5^3

(ii) .....

(b) Write $\frac{7}{8}$ as a decimal.

(b) .....

(c) Write 70 out of 200 as a percentage.

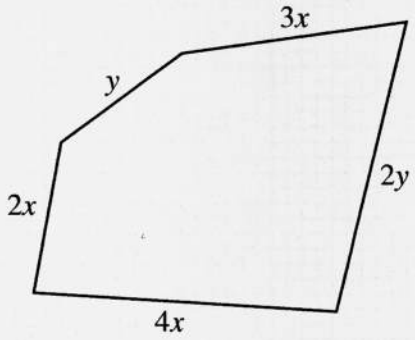
(c) .....

(ii) .....

(iii) $\frac{x}{4} = 11$

(iii) .....

(b)



Write down, as simply as possible, an expression for the perimeter of this pentagon.

(b) .....

(c) Simplify.

$7k + 2m - 5m + k$

(c) .....

(d) Factorise.

$10x - 15$

(d) .....