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**JUNIOR CERTIFICATE EXAMINATION, 2001**  


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**MATHEMATICS – ORDINARY LEVEL**  


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**THURSDAY, 7 JUNE – MORNING, 9.30 to 12.00**  


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**PAPER 1 (300 marks)**  


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Attempt **QUESTION 1** (100 marks) and **FOUR** other questions (50 marks each).

**Marks may be lost if necessary work is not clearly shown.**  
**Mathematics Tables may be obtained from the Superintendent.**

1. (i) Find the total cost in IRE of
- 3 cans of orange at 55p per can  
 4 chocolate bars at 28p per bar  
 2 bags of crisps at 23p per bag.
- (ii) A bus travels a distance of 75 km in one hour thirty minutes.  
Find the average speed of the bus in km per hour.
- (iii) Simplify:
- $$\frac{2}{5} \div \frac{4}{5} + \frac{3}{4}.$$
- (iv) Find the mean of the six numbers :
- 1.2, 2.8, 3.6, 4.3, 5.7, 6.4
- (v) A function  $f$  is  $x \rightarrow 2x - 1$ .  
Find the value of  $f(2) + f(-1)$ .
- (vi) Solve the simultaneous equations:
- $$\begin{aligned} 2x + 3y &= 12 \\ 2x - y &= 4. \end{aligned}$$

# Mathematics Ordinary Level Junior Certificate Examination Papers

**M Carnoy**



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