SECTION I

Asserver ALL questions.

All working must be clearly shown,

L. (4) Calculate the EXACT value of

(3) (may 5)(6)

(b) Using a calculator or otherwise, calculate

$$\sqrt{2.891} + \frac{1.2}{0.317}$$

giving your answer correct to 2 decimal places.

(3) mass/ke/a

City measures from

- (ii) A jeweller paid 56 800 for 165 braceless bought in China. The Customs Department in his country charged him \$1 260 in duty.
 - Calculate the DOTAL over of the 165 bracelets inclusive of duty.
 - (iii) The powerlier sold the 165 brauelists at a selling price of \$66.85 EACH.
 - calculate the TOTAL profit be made on the sale of the 165 lescripts.

42 minried

 Calculate the profit as a percentage of the cost prior, giving your answer to the marrest whole sumber. (2 marks)

Testal III years for

2. (a) (ii) Solve for a, where a is a real number

(2) intracelles (c.

(iii) Using a number line, show your solution to Part (a) (ii).

(T. man/k):

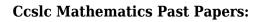
(b) Factories completely:

(2) manchols

of the property factor.

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