FRIDAY, 11 JUNE, MORNING - 9.30 to 12.00

SECTION	A	(45	marks)
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Examination	Number	

Attempt <u>all</u> questions. You should not spend more than <u>45 minutes</u> on this section.

Answer each question by writing one of (a), (b), (c), (d) in the box under each question number. If you wish to change an answer, cross out your first choice and write your new answer near the box.

Mathematics tables may be obtained from the Superintendent.

THIS PAPER MUST BE ENCLOSED IN YOUR ANSWER BOOK

1.	$2\frac{3}{8} - 1\frac{1}{4} =$			
	(a) $1\frac{1}{2}$	(b) $\frac{7}{8}$	(c) $\frac{5}{8}$	(d) 1½
2.	17·125 × 20 =			
	(a) 34·25	(b) 171·25	(c) 342·50	(d) 34·50
3.	IR£10 + 15% VAT in IR£	is		
	(a) 11·50	(b) 10·15	(c) 15·15	(d) 15·00
4.	The area of a disc is 9 π .	The length of its radius is		
	(a) 9	(b) 6 π	(c) 3	(d) 4·5 π
5.	A car uses 3 litres of petrol of litres used is	for every 36 km travelled.	On a journey of 216 km, th	e number
	(a) 12	(b) 18	(c) 2	(d) 4
6.	Which one of the following to map the equilateral $\triangle mnk$	translations does not onto the equilateral $\triangle pkq$?	m *	
	(a) $n\vec{q}$	(b) \overrightarrow{nk}		
	(c) \overrightarrow{mp}	(d) \vec{kq}	k 4	•
7.	The image of $[xy]$ under the	e projection on vz parallel to	a rz is	
	(a) [xz]	(b) [yz]		
	(c) the point y	(d) the point z		
			حہ	8

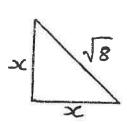


(a) 4

(c) 32

(b) 8

(d) 64



9. p is the centre of the circle. [pr] is the image of [pq] under the anti-clockwise rotation about p of angle

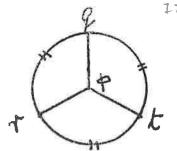


(b) 120°

(c) 180°

(c) 23

(d) 360°



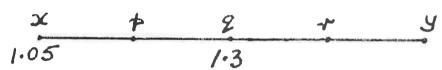
10.

(a) 134

- (b) 46
- (d) 44



11.



[xy] is divided into four equal parts. The number 1.425 is represented by

(a) p

(b) r

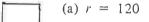
(c) y

(d) no one of these

- 12. tan 47° 32' is
- (a) 1·0926
- (b) 0.0926
- (c) 0.0900

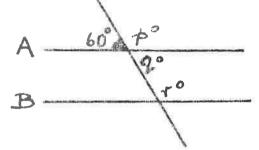
(d) 0.7377

A || B. Which one of the following is false? 13.



(b) r = p

(c) r + q = 180 (d) p + q + r = 240

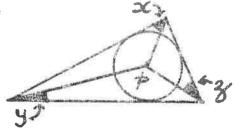


- 14. p is the centre of the incircle. x + y + z =
- (a) 360°

(b) 180°

(c) 90°

(d) 45°



- 15. If $A = 43^{\circ}$ 7', then k is
- (a) 7·3

(b) 7·304

(c) 6.835

(d) 9·364

