

Education Assessment Unit – Education Division

FORM 3

MATHEMATICS – Scheme D

Time 30 minutes

Class:

(NON-CALCULATOR PAPER)

Name:_____

_	Mark	

INSTRUCTIONS TO CANDIDATES

- Answer all questions. There are 10 questions.
- This paper carries 30 marks.
- Calculators and protractors are not allowed.

- 1. Write in **figures**: Two hundred and seven. Ans_____.
- 2. From the set $\{7, 9, 10, 12, 15\}$ write:



4. Work out:



5. (a) The **cube** has <u>vertices</u>.



(b) The **cylinder** has <u>edges</u>.





6. What is the **probability** of choosing a black disc?





- 7. Work out the following:
 - (a) $27 \cdot 65 + 8 \cdot 92$

(b) 6000 - 1369

(c) $5 \times 4 \div (8 - 6) =$ _____

8. Use arrows to match.





SECONDARY SCHOOL ANNUAL EXAMINATIONS 2007

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FORM 3		MATHEMATICS – Scheme D Time: 1h 30min (MAIN PAPER)											
Question	1	2	3	4	5	6	7	8	9	10	Non Calc	Main	Total
Mark													
			Calci	ulator w	s are orking	allov g mus	ved b st be :	ut all show	nece n.	essary			
Name											Clo	285	
1. (a) Write (b) Write (c) Find	e 0.75 $e \frac{1}{4} a$	5 as c s a p of 125	ercer	centa ntage	ge _	%	%	•					
					A	ns		_m.					
(d) Expre	əss Lm	n8 as	a pe	rcent	age (of Lm	40.						
					Þ	Ans		%.					
(e) Drav	v X or	n this	line to	o divi	de it i	n the	ratio	2:5					

2.	Jill bought 6 apples for 48c.
	(a) Find the cost of one apple.
	Ansc
	(b) Find the cost of 5 apples.
	Ansc
3.	(a) Complete this sequence
	2 , 5 , 8 , 11 , ,
	1st 2nd 3rd 4th 5th 6th
	(b) The 1st term is
	(c) The difference between the 1 st term and the 2 nd term is
	(d) The 8 th term is



6. (a) Draw the lines of symmetry.



(b) Complete this shape so that the dotted line is the line of symmetry.



7. This is Paul's school timetable:

	08:30 – 09:15	09:15 –10: 00	break	10:30 –11:15	11:15 -12:00
Monday	Social Studies	Maltese		Mathematics	English
Tuesday	English	Religion		Italian	Mathematics
Wednesday	Maltese	English		Italian	PE
Thursday	Maltese	Italian		English	Mathematics
Friday	Mathematics	Maltese		Mathematics	History

(a) On Monday, Mathematics starts at _____.

- (b) On which day is the PE lesson? _____.
- (c) Which subject does Paul have three times a week? _____.
- (d) How long is the break? _____ minutes.
- (e) How many Maltese lessons does Paul have in a week? _____.

(f) Show on this clock face the time when Religion starts.





Ans $a = _\^\circ$	
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(b) Use you ruler and protractor to construct triangle ABC.



(c) Measure AB. Ans AB = ____cm.

9.	(a)	Write 78 correct to the nearest 10.	Ans
	(b)	What is the value of 4 in the number 2 4 56.	Ans
	(c)	Work out: -9 + 3 =	
	(d)	Use your calculator to find: $28 \cdot 3 \div 11$ Give the answer correct to 1 decimal place .	Ans

10. A class of students made a list of their pets.

						1)
$\left(\prod_{i=1}^{n} \right)$	dog	cat	bird	cat	dog	
	cat	dog	fish	dog	fish	
	dog	fish	dog	bird	cat	
	cat	bird	cat	dog	bird	
-						

(a) Complete this frequency table.

Pet	Frequency
dog	
cat	
fish	
bird	

- (c) How many pets do they have in all? Ans_____pets
- (d) Which is the **least** popular pet? Ans _____.

(b) Complete this bar chart.



(e) There are _____more dogs than birds.