

KULLEGG SAN BENEDITTU Secondary School, Kirkop

Mark

HALF YEARLY EXAMINATION – 2017/2018

CCP

Year 10

MATHEMATICS
Non Calculator Paper

TIME: 15 mins

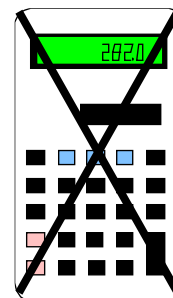
NAME: _____

CLASS: _____

Question	1	2	3	4	5	6	NC
Mark							

Instructions to Candidates

- Answer all questions.
- This paper carries a total of 25 marks.
- Calculators and protractors are NOT ALLOWED.



1. Work out:

(a) $3500 \times 10 =$ _____

(b) $8.332 \times 100 =$ _____

(c) $372.8 \div 100 =$ _____

(3 marks)

2. (a) Write **ten thousand and twenty four** as a number:

Ans: _____

(b) What is the **value** of the digit **4** in the number 25**4**,735?

Ans: _____

(c) Write a fraction which is equal to $\frac{2}{5}$.

Ans: _____

(3 marks)

3. Work out:

(a) $73 + 37 =$ _____

(b) $7.52 \times 3 =$ _____

(c) $35 \div 7 =$ _____

(d) $\frac{2}{3}$ of 36 = _____

(7 marks)

4. (a) Write ***quarter to ten in the evening*** as a 24-hr clock time:

Ans: _____

(b) How many minutes are there from 3:45 p.m. till 4:15 p.m.?

Ans: _____ minutes

(3 marks)

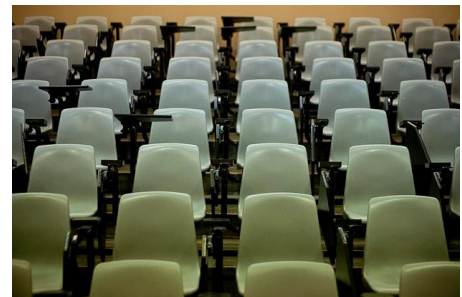
5. a) Round 72 to the nearest 10.

Ans: _____

b) Round 28 to the nearest 10.

Ans: _____

c) Use your answers to **estimate** the number of seats in a hall if there are 72 rows and 28 columns.



Ans: _____ seats

(4 marks)

6. (a) Work out: **12.34 – 2.56**

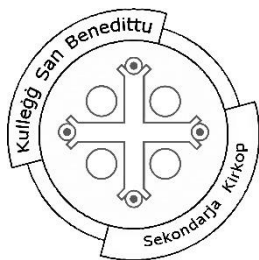
Ans: _____

(b) Find 25% of €600.

Ans: € _____

(5 marks)

END OF NON CALCULATOR PAPER



KULLEGG SAN BENEDITTU

Secondary School, Kirkop

Mark

HALF YEARLY EXAMINATION – 2017/2018

CCP

Year 10

MATHEMATICS

Main Paper

TIME: 45 mins

Question	1	2	3	4	5	6	7	8	9	10	Total Main	Non Calc	Global Mark
Mark													

DO NOT WRITE ABOVE THIS LINE

NAME: _____

CLASS: _____

INSTRUCTIONS TO CANDIDATES:

- Answer all questions.
- This paper carries 75 marks.
- Calculators and mathematical instruments are allowed but all necessary working must be shown.

1. Fill in:

(a) 7 minutes = _____ seconds

(b) 5 kg = _____ g

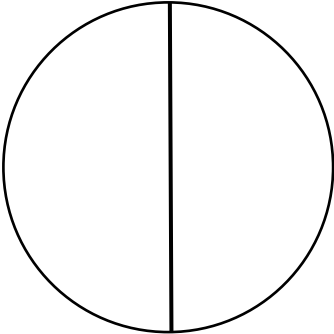
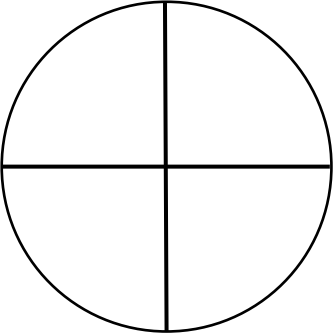
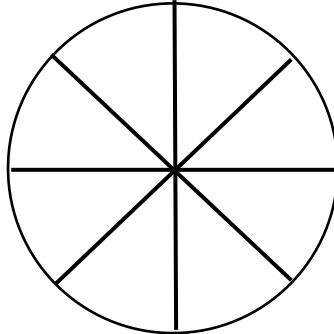
(c) 1 year = _____ days

(d) 1 **leap** year = _____ days

(e) 523 cm = _____ m

(8 marks)

2. a) Shade:

Equivalent Fractions		
$\frac{1}{2}$	$\frac{2}{4}$	$\frac{4}{8}$
		

b) Work out: i) $\frac{1}{2} + \frac{2}{4} =$

ii) $\frac{1}{2} + \frac{1}{4} =$

iii) $\frac{1}{4} + \frac{1}{4} + \frac{1}{8} =$

(8 marks)

3. The following is a calendar of September 2018.

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
SEPTEMBER 2018						
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

a) Shade the 13th of September 2018.

b) Victory Day is celebrated on the 8th of September.

On which **day of the week** will the feast be celebrated this year?

Ans: _____

c) How many Sundays are there in September 2018?

Ans: _____

d) How many **full weeks** are there in September 2018?

Ans: _____

e) On which day of the week will the 5th of October 2018 fall?

Ans: _____

(5 marks)

4. a) Complete the following sequences:

i) 7, 11, 15, 19, _____, _____ ii) 19, 16, _____, 10, _____

iii) 2, 4, 8, 16, _____, _____

b) Read each of the following statements and then fill in.

i) Start with 5 then add 7 to the previous term.

5, _____, 19, _____, _____

ii) Start with 81 then subtract 30 from the previous term.

_____, _____, _____

c) Write down the rule used to work out each of these sequences.

i) 24, 21, 18, 15, 12

Start with _____ then _____.

ii) 23, 34, 45, 56, 67

Start with _____ then _____.

(14 marks)

5. a) Arrange the following numbers in **ascending** order:

72.3, 7.23, 723, 0.723, 72300, 7230

_____, _____, _____, _____, _____, _____

b) Arrange the following numbers in **descending** order:

624, 667, 203, 905, 58, 290

_____, _____, _____, _____, _____, _____

(6 marks)

6. a) Round i) 2934 to the **nearest 1000** _____

ii) 78 to the **nearest 10** _____

iii) 519 to the **nearest 100** _____

b) Use your answers in (a) to work out a **rough estimate** for:

$$\frac{2934 \times 78}{519} \approx$$

Ans : _____

c) i) Use your **calculator** to find the exact value of:

$$\frac{2934 \times 78}{519}$$

Ans: _____

ii) Round your answer to the **nearest whole number**.

Ans: _____

(7 marks)

7. a) Change 2.5 litres into millilitres.

Ans: _____ ml

b) How many 150 ml glasses can I **fill** from a 2.5 litre bottle?

Ans: _____ whole glasses

(5 marks)

8. a) Work out the **total weight** of the following 10 persons:

75 kg	75 kg	75 kg	80 kg	80 kg
92 kg	92 kg	105 kg	98 kg	67 kg

Ans: _____ kg

b) In the lift there is a notice.

Maximum weight: 675 kg (9 persons)

Show that this statement is not always true.

(4 marks)

9. Gordon is making a model.
He buys some of the items listed on the side.
The shop owner gives **10% discount** on the total price.

a) Fill in Gordon's bill.

1 Screw driver set	€5.65
3 boxes of screws	
20 cable ties	
1 Drilling set	
Total	
10% discount	
Total amount due	

IL-BORMLIZ

DIY STORE

Item	Price
Screw driver set	€5.65
Hammer	€2.50
Box of screws	€1.25
Cable ties (x 10)	€1.30
Drilling set	€40.00
Saw	€7.15
Washers (mix)	€1.20
LED portable light	€23.40

- b) Gordon wants to pay with a €50 note.
Tick ☒ the box of the correct statement and work out.



- ☐ Gordon **has enough** money to buy the items. Find the change.
- ☐ Gordon **does not have** enough money. Find the amount he needs to add.

Ans: € _____

(13 marks)

10.a) Work out 20% of €200.

Ans: €_____

b) On eBay an item from China was marked €200.

Postage to Malta costs €25.

Once the parcel is in Malta, Lydia pays 20% tax on the €200 cost of the item.

Work out the **total price** that Lydia paid for the item.



Ans: €_____

(5 marks)

END OF EXAM