**Grade 4 Mathematics 2015**

**Mock Examination**

**Marks: 60**

**Paper 1**

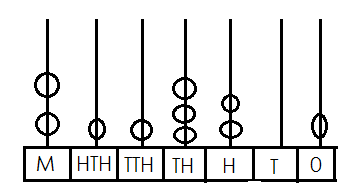
**Instructions**

1. Answer all questions
2. Show all necessary working on this sheet
3. This paper has two sections. Section A has 20 multiple choice questions
4. In section A circle (O) the correct option only on the answer grid provided.

**Section A**

1. 5007
2. 517
3. 5017
4. 23
5. tens
6. thousands
7. hundreds
8. one
9. 3000+100+50+2
10. 300+100+50+20
11. 1000+300+20+5
12. 3000+50+20
13. 7
14. 2
15. ½
16. 4

**Question 1**

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1. What is the value of the number shown by the spike abacus?

**Question 2**

What is the value of five in the number 2005?

**Question 3**

Write 3152 in expanded form

**Question 4**

The ½ of 14 is…

**Question 5**

4 903 written in words is…

**Question 6**

The shaded fraction is ….

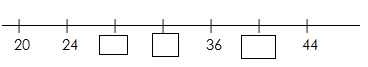
|  |  |
| --- | --- |
|  |  |
|  |  |
|  |  |

**Question 7**

At what time does our school start?

**Question 8**

The missing numbers in the pattern below are:



**Question 9**

6 repeated 3 times is …

1. Four thousand nine hundred and three
2. Nine hundred
3. Four thousand and three
4. Four hundred and three
5. 2/6
6. 4/6
7. 1/6
8. 3/6
9. noon
10. midnight
11. a.m
12. p.m
13. 23,24,38
14. 28,32,40
15. 34,35,38
16. 28,30,32
17. 18
18. 9
19. 24
20. 20

**Question 10**

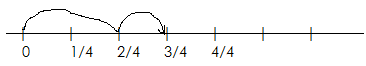
What is the product of 9 and 7?

**Question 11**

93 when rounded off to the nearest ten is…

**Question 12.**

What mathematical sentence is shown by the diagram?



**Question 13**

12 000m is equal to \_\_\_\_\_\_\_\_\_\_\_km

**Question 14**

The mathematical sentence show by the diagram is\_\_\_\_\_\_\_

1. 47
2. 61
3. 42
4. 63
5. 100
6. 90
7. 80
8. 95
9. ¾ - 2/4
10. 2/4 + ¾
11. 2/4 + ¼
12. 4/4 -1/4
13. 2km
14. 120km
15. 1km
16. 12km
17. 3x3
18. 3x4
19. 3÷3
20. 3-3

**Question 15**

1. 8
2. 10
3. 11
4. 9
5. 1/4, 1/5, 3/8
6. 1/5,3/8,1/4
7. 1/5,1/4,3/8
8. 3/8,1/5,1/4
9. (i), (ii) (iii)
10. (ii) and (iii)
11. (i) and (iv)
12. (ii) (iii) (iv)
13. 12g
14. 120
15. 19g
16. 52
17. 22cm
18. 18cm
19. 28cm
20. 81cm

How many triangles are in the shape below?

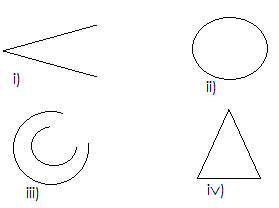
**Question 16**

Arrange the fractions in order starting with the smallest

¼ 1/5 3/8

**Question 17**

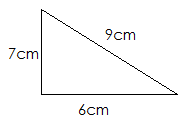
Which of these show angles?



**Question 18**

Six eggs have a mass of 312g. What is the mass of one egg?

**Question 19**

Find the parameter of the shape above

**Question 20**

1. 10grams
2. 10 000 grams
3. 100 grams
4. 1000 grams

1 kilogram = [ ] grams

[40 Marks]

1. Angle
2. Circle
3. Sector
4. factor

**Section B**

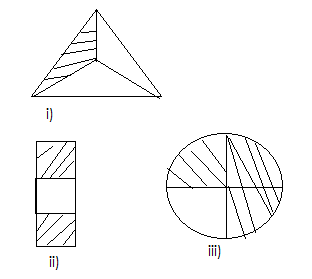
1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

[3]

**Show all working where necessary**

**Question 21**

Write down the shaded fractions



**Question 22**

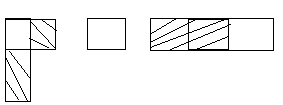
Complete the following number patterns

1. 31, 33, 35, 37, 39, [ ], [ ]...
2. 0, 8, 6, 14, 12, [ ], [ ]…
3. AA, AB, AC, AD, [ ], [ ]

[6]

**Question 23**

Compare the shaded part in the diagrams below, using < > or =



[1]

**Question 24**

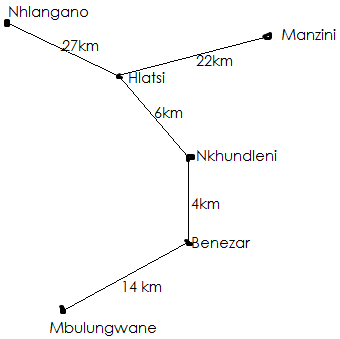
1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[3]
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[3]
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[3]
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[3]
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[3]
6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[3]
7. The Dludlu family has 3 sons, Sibusiso, Nhlanhla and Vincent.

Sibusiso is 6years old, Nhlanhla 4 and Vincent 2.

1. Which son is 2years older than Nhlanhla?
2. Which son’s age is 2 times the age of Vincent?
3. What is the sum of the ages of the boys?

**Question 25**

A road map of some towns in Swaziland is shown below

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1. How far is it from Nhlangano to Nkhundleni
2. What is the difference in the distance between Nhlangano and

Hlatsi and between Hlatsi and Nkhundleni

1. What would be the total difference travelled if you travel from

Manzini to Hlatsi, Nkhundleni,Benezar, down to Mbulungwane

**Question 26**

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[2]
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[2]
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[3]
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[3]

Show the following on a number line

1. 1/6 + 3/6 = [2]
2. 4/4 – ¼ [2]

**Question 27**

The following table shows the amount of each person had and the cost

of the item he or she bought. Calculate the money they had after buying

the item

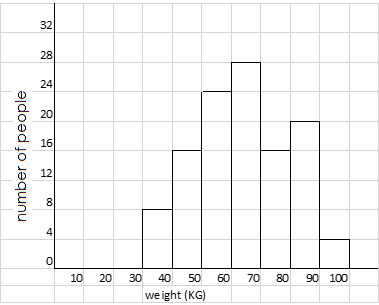
|  |  |  |
| --- | --- | --- |
|  | **Amount** | **Cost of Item** |
| Bongani | E16.35 | E5.80 |
| Vuyiswa | E19.80 | E15.93 |
| Thobile | E11.93 | E8.95 |

1. Vuyiswa’s Change
2. Thobile’s change

**Question 28**

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[2]
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[1]
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[1]
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[1]
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[1]
6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[3]
7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[2]

Study the bar graphs and answer the questions



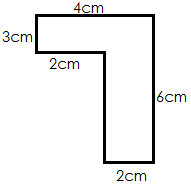
1. Suggest a title for the Graph
2. What is the least weight of this group of people?
3. How many people have a weight of 90kg
4. What do most people weigh in this graph?
5. What is the total number of people who weigh 40kg and

those who weigh 70kg altogether?

**Question 29**

Find the perimeter of the object or shape

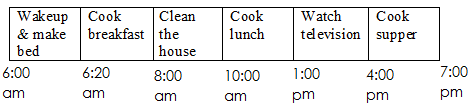
1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[3]
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[3]
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[3]
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[2]
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[2]
6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[2]
7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[3]



**Question 30**

**Ntombenhle’s Time Table**

Study the timeline below and answer the questions that follow



1. Which period is longer: watch television or cleaning the house?
2. How long did Ntombenhle watch Television?
3. How long is it from the start of cooking breakfast to the end of

cooking lunch?

**Question 31**

Draw line of segment of these distances

1. 4cm [1]
2. 9cm [1]

**Question 32**

What is …?

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[2]
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[2]
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[3]
4. 1 fourth + 1 fourth
5. 2 quarters + 1 quarter