MARIS STELLA HIGH SCHOOL (PRIMARY)

PRIMARY 5 MATHEMATICS

WEIGHTED ASSESSMENT 1

2 March 2021

15 questions

30 marks

Total Time: 45 min

NAME : _____ ( )

CLASS : PRIMARY 5 _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

MARKS OBTAINED:

TOTAL : _____ **/ 30**

SECTION A: 8 marks

Questions 1 to 2 carry 1 mark each. Questions 3 to 5 carry 2 marks each.
For each question, four options are given. One of them is the correct answer.
Make your choice (1, 2, 3 or 4) and write the correct answer in the brackets provided.

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1. _____ when rounded to the nearest thousand is 154 000.

   (1) 153 395
   (2) 153 495
   (3) 154 495
   (4) 154 595

2. In 5 736 482, what does the digit 3 stand for?

   (1) 300
   (2) 3000
   (3) 30 000
   (4) 300 000

3. Which of the following is the first common multiple of 3 and 9?

   (1) 27
   (2) 9
   (3) 3
   (4) 39

SCORE
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4. The letters in the box follow a pattern. The first 20 letters are given below.

A H T A P P A A H T A P P A A H T A P P .....
1st 20th

What is the 122nd letter?

(1) A
(2) H
(3) P
(4) T ( )

5. Raju packs 30 blue pens and 45 red pens into as many bags as he can, with no leftover. Each bag contains the same number of pens. The number of blue pens in each bag is the same. How many blue pens are there in each bag?

(1) 5
(2) 2
(3) 6
(4) 15 ( )

SCORE

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SECTION B: 12 marks

Questions 6 to 7 carry 1 mark each. Questions 8 to 12 carry 2 marks each. Show your workings clearly in the space provided for each question and write your answers in the blanks provided. For questions which require units, give your answers in the units stated.

Do not write in this space.

6. Write three million, ten thousand and six in numerals.

Answer: _____ [1]

7. Find the value of $22 + 14 \div 2 \times (14 - 9)$.

Answer: _____ [1]

8. Find the value of

(a) $\frac{5}{9} \times \frac{3}{8}$

(b) $\frac{4}{7}$ of 56

Give your answers in the simplest form.

Answer: (a)_____ [1]

(b)_____ [1]

SCORE

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Do not write in this space.

9. Find the value of 23 ÷ 4.

(a) Give your answer as a mixed number.

(b) Give your answer as a decimal. Correct your answer to 1 decimal place.

Answer: (a)_____ [1]

(b)_____ [1]

10. (a) What is seven-sixths of 54?

Answer: (a)_____ [1]

(b) Which one of the diagrams below shows $2 \times 1\frac{1}{2}$?

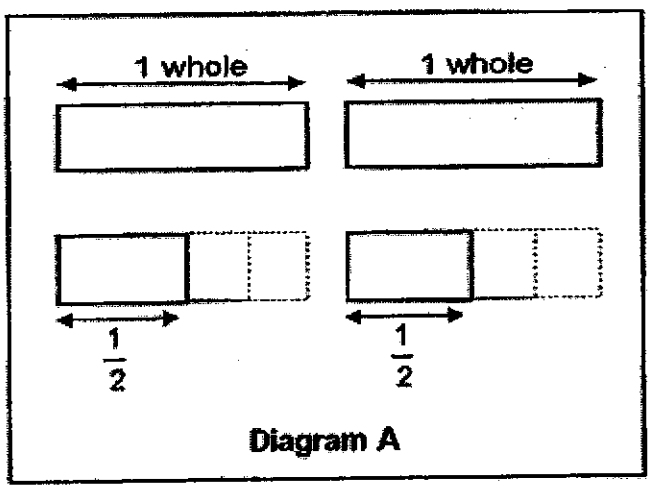

Diagram A

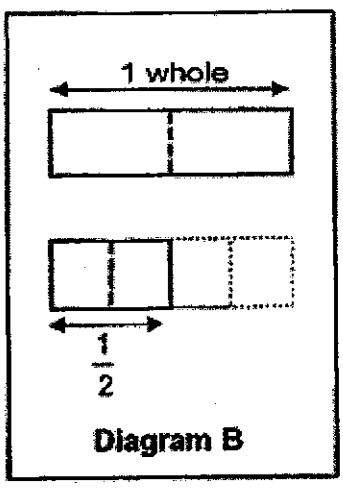

Diagram B

Answer: (b) Diagram _____ [1]

SCORE

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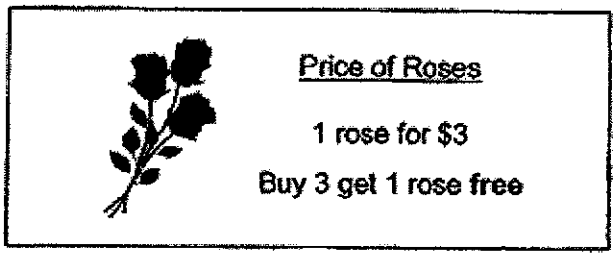
11. Thomas used a calculator to find the product of an improper fraction and 6. He pressed 9 instead of 6 and obtained an answer of 12. What should the correct answer be?

Do not write in this space.

Answer: _____ [2]

12. At a florist, roses are sold at the following prices:



What is the greatest number of roses David can buy with $60?

Answer: _____ [2]

SCORE

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SECTION C: 10 marks

Questions 13 to 14 carry 3 marks each. Question 15 carries 4 marks.
Show your workings clearly in the space provided for each question and write your answers in the blanks provided.

Do not write in this space.

13. Janice had 196 stickers and Kira had 112 stickers. After each of them used an equal number of stickers, Janice had 5 times as many stickers as Kira. How many stickers did each of them use?

Answer: _____ [3]

14. A group of 20 children sold some tickets for a funfair. Each ticket was sold at $3. Each boy sold 5 tickets and each girl sold 3 tickets. The children collected $264 altogether. How many boys were there in the group?

Answer: _____ [3]

SCORE

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15. Mr Wang has some money in his wallet. If he buys 40 calculators, he would need $140 more. If he buys 30 calculators, he would have $90 left.

Do not write in this space.

(a) How much money does Mr Wang have in his wallet?

(b) Another shop sells the same calculator at $3 cheaper. If Mr Wang uses all the money in his wallet to buy calculators from this shop, how many calculators can he get?

Answer: (a) _____ [3]

(b) _____ [1]

End of Paper

Please check your work carefully

SCORE

SCHOOL : MARIS STELLA HIGH SCHOOL (PRIMARY)
LEVEL : PRIMARY 5
SUBJECT : MATH
TERM : 2021 WEIGHTED ASSESSMENT 1

Q 1	Q2	Q3	Q4	Q5
3	3	2	4	2

Q6)	301006
Q7)	57
Q8)	a) $\frac{5}{24}$ b) 32
Q9)	a) $5\frac{3}{4}$ b) 5.8
Q10)	a) $\frac{7}{6}$ x 54 = 63 Ans: 63 b) Diagram A
Q11)	12 ÷ 9 x 6 = 8 Ans: 8
Q12)	60 ÷ 3 = 20 20 ÷ 3 = 6 R 2 20 + 6 = 26 Ans: 26 roses
Q13)	196 – 112 = 84 4u = 84 Au = 84 ÷ 4 = 21 112 – 21 = 91 Ans: 91 stickers used

Q14)

264 ÷ 3 = 88
Suppose all are girls
20 x 3 = 60
88 – 60 = 28
5 – 3 = 2
28 ÷ 2 = 14
Ans: 14 boys

Q15)

Cost of 40 calculators

Have	Lacking $140

	left	

30 Calculator Cost of 10 calculators

10 calculators = 90 + 140 = 230
230 ÷ 10 = 23
30 calculators = 23 x 30 = 690
690 + 90 = 780

a) Ans: $780

23 – 3 = 30
780 ÷ 20 = 39

b) Ans: 39 calculators