

NANYANG PRIMARY SCHOOL

END-OF-YEAR EXAMINATION 2024

PRIMARY 3

MATHEMATICS

Duration: 1 hour 30 minutes

INSTRUCTIONS TO STUDENTS

1. Do not turn over this page until you are told to do so.

.

- 2. Follow all instructions carefully.
- 3. Answer all questions.
- 4. Write your answers in this booklet.

Name: _____ ()

Class: Primary 3 ()

Parent's Signature: _____

MCQ	/ 5
SAQ	/ 28
LAQ	/ 17
Total	/ 50

.

Please sign and return the examination paper the next day. Any queries should be raised at the same time when returning paper.

Multiple Choice Questions (MCQ)

Questions 1 to 5 carry 1 mark 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 your answer (1, 2, 3 or 4) in the bracket () provided.

(5 marks)

)

(

- 1. What is three thousand, six hundred and six written as a numeral?
 - (1) 3066
 - (2) 3366
 - (3) 3606
 - (4) 3660

2. What is the missing number in the equation below?

7023 = 7000 + _____ + 3

- (1) 203
- (2) 200
- (3) 23
- (4) 20

)

(

3. Arrange the fractions in order from the greatest to the smallest.

 $\frac{1}{2}$, $\frac{2}{8}$, $\frac{5}{7}$

۹.

()

. ()

.

G	reates	t		5	Smallest		
(1)	<u>5</u> 7	ı	<u>1</u> 2	,	<u>2</u> 8		
(2)	<u>5</u> 7	,	<u>2</u> 8	,	<u>1</u> 2		
(3)	<u>2</u> 8	,	<u>1</u> 2	,	<u>5</u> 7		
(4)	<u>2</u> 8	,	<u>5</u> 7	ı	<u>1</u> 2		

- 4. Express 2080 g in kilograms and grams.
 - (1) 2 kg 8 g
 - (2) 2 kg 80 g
 - (3) 20 kg 8 g
 - (4) 20 kg 80 g

2

5. Each has an area of 1 square unit.

¥



.

(

)

What is the area of the figure above?

- (1) 23 square units
- (2) 21 square units
- (3) 19 square units
- (4) 18 square units

Short-Answer Questions (SAQ)

Questions 6 to 13 carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(8 marks)



Ans: _____

8. How many acute angles are there in the figure below?



9. Find the perimeter of the square.



Ans: _____ cm

10. The length of a rectangular grass patch is 8 m.Its breadth is 7 m.What is the area of the grass patch?

Ans: _____ m²

11. Write the time 00 10 in 12-hour clock.

Ans: _____

12. Axel started to cycle at 11 30. He finished cycling at 13 17. How long did he cycle?

Ans: ____h ____min 13. There are 3 bags, A, B and C. All the pens in each bag are put into groups of 6. $P_{Bag A} = P_{Bag B} = P_{Bag C} = P_{Bag C}$

Bag A has 36 pens. It contains the least number of pens. The number of pens in Bag B is between 45 and 50, Bag C has fewer pens than Bag B. How many pens are there in Bag C?

Ans:

Short-Answer Questions (SAQ)

Questions **14** to **23** carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(20 marks)

14.	Look at the number patterns below. Find the missing number in each number pattern.					
	(a) 3699 3709 3809 , 3819 , 3919 , 3929 , ? 4039 , 4139					
	Ans: (a)					
	(b) <u>?</u> , 7489 , 7539 , 7589 , 7639 , 7689					
	Ans: (b)					
15.	(a) Find the sum of 560 and 1320.					
	Ans: (a)					
	(b) 8001 - <u>?</u> = 2417					
	Ans: (b)					

16. (a) Michelle bought 5 trays of eggs.
 Each tray had 8 eggs.
 How many eggs did Michelle buy altogether?

Ans: (a) _____

.

(b) Michelle used 4 eggs to bake each cake. How many cakes could she bake with all the eggs that she bought?

Ans: (b) _____

Look at the figure below.
 AB, BC, CD, DE and EF are straight lines.



(a) Name a pair of parallel lines.

Ans: _____ and _____

(b) Name a pair of perpendicular lines.

Ans: ______ and _____

18. Cheva formed 2 different numbers using the digit cards below. Each digit can only be used once for each number.

.



(a) For the first number, he formed the smallest 4-digit odd number. What number did he form?

Ans: (a) _____

(b) For the second number, he formed the greatest 3-digit even number between 800 and 900. What number did he form?

Ans: (b) _____

19. A wallet costs \$56.90.A water bottle costs \$12.50 less than the wallet.How much does the water bottle cost?

Ans: \$ _____

20. Look at the number lines below.



Find the difference between B and A.

Ans: _____

21. Li Meng started doing her homework at 14 30.She took 1 h to write an English composition.She then took another 1 h 35 min to solve some word problems.What time did she complete her homework?

Ans: _____

22. There were some students in the library at first.
18 students left the library.
13 students then went into the library.
In the end, there were 312 students left in the library.
How many students were there in the library at first?

Ans: _____

23. Joey has 76 sweets.She packs all the sweets into bags of 3 sweets or bags of 5 sweets.She has 20 bags of sweets after packing.How many bags of 3 sweets are there?

Ans: _____

.

Long-Answer Questions (LAQ)

For questions **24** to **28**, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [] at the end of each question or part-question.

(17 marks)

24. The bar graph shows the number of egg sandwiches and tuna sandwiches sold at Nanyang Cafe from Monday to Thursday.



Number of sandwiches sold at Nanyang Cafe

(a) How many more tuna sandwiches than egg sandwiches were sold on Tuesday?



(b) Which day had the greatest difference in the number of egg sandwiches and tuna sandwiches sold?

÷

.

Ans: (b) _____[1]

(c) The cafe sold each egg sandwich for \$2.
 What was the total amount collected from the sale of egg sandwiches on Wednesday and Thursday?

.

Ans: (c) _____[1]

25. Ali had 128 more stickers than Bala at first.Ali gave 25 stickers to Bala.How many more stickers did Ali have than Bala in the end?

Ans: [3]

26. There was a total of 756 visitors at the zoo. There were 3 times as many children as adults. How many more children than adults were there?

.

Ans:

____[3]

- A total of 382 packets of biscuits were collected for a donation drive on Saturday and Sunday These biscuits collected were given to families. Each family was given 6 packets of biscuits.
 - (a) What was the greatest number of families that received the biscuits?

Ans: (a) [2]

.

(b) 22 more packets of biscuits were collected on Sunday than on Saturday.

How many packets of biscuits were collected on Saturday?

Ans: (b) _____[2]

- 28. A pail contains 5320 ml of water. Meera poured away 4470 ml of water from the pail.
 - (a) How much water was left in the pail?

Ans: (a) [2]

 (b) Meera poured all the water left in the pail equally into 5 identical empty jugs.
 How much water did she pour into each jug?

Ans: (b) [2]

End of Paper

(1) 203

(2) 200

(3) 23

(4) 20

Multiple Choice Questions (MCQ) Questions 1 to 5 carry 1 m arkeach. For each question, for

Arrange the fractions in order from the greatest to the smallest.

12 ,

28

12

517

х

.

 $\frac{1}{2}$, $\frac{2}{8}$,

Smallest

28

12

57

12

<u>5</u> 7

(1)

)

One of them is the correct answer. Make your choice (1, 2, 3 or 4) and write your answer (1, 2, 3 or 4) in the bracket () provided.						
				(5	marks)	
 What is three thous and, six hundred and six written as a numeral? 						
	(1)	3066				
	(2)	3366				
	(3)	3606				
	(4)	3660				
			(3)	
2.	What 7023	is the missing number in the equation below? = 7000 + +3				

4.

3.

Greatest

5

5 (2)

28 (3)

20 (4)

.

(1)

(1)	2 kg 8 g		
(2)	2 kg ⁸⁰ g		
(3)	20 kg 8 g		
(4)	20 kg 80 9	(2

Each has an area of 1 square unit. 5.



3

What is the area of the figure above?

- 23 square units (1)
- 21 square units (2)
- (3) 19 square units
- (4) 18 square units

(2)

(4)

. ÷1

Short-Answer Questions (SAQ) Questions 6 to 13 carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (8 marks)

2



How many acute angles are there in the figure below? 8.



1-5

Ans:

4





Method Suppose all are bags of 5 sweets 12 Ans: 20×5=100 3 100-76=24 5-3=2 24:2=12 11

2 .A

here

12

Ans: (a) ____



Ans: (b) _____[80 ____[2]

15

Ans: (b) 170 ml

[2]

End of Paper

16