



PRIMARY 4 MATHEMATICS

SIMULATED EXAM PAPER

SET 4

PAPER 1

DURATION : 50 MINUTES

Booklet A	/ 20
Booklet B	/ 25

Paper 1 Total:
/45

Name: _____ ()

Class: _____

Date: _____

Instructions to candidates

1. Write your name and index number in the space provided.
2. Do not turn over the page until you are told to do so.
3. Follow all instructions carefully
4. Answer all questions.
5. You are **not allowed** to use calculator for Paper 1.

SECTION A (20 marks)

Questions 1 to 10 carry 1 mark each. Questions 11 to 15 carry 2 marks each. For each question, four options are given. One of them is correct answer. Make your choice (1, 2, 3 or 4). Figures are not drawn to scale.

1. Seventy thousand and ten written as a numeral is _____.
 - 1) 710
 - 2) 7010
 - 3) 70 010
 - 4) 70 100

2. In 65 309, the digit 5 stands for _____ hundreds.
 - 1) 5
 - 2) 50
 - 3) 500
 - 4) 5000

3. I am a 5-digit number. The digit 3 is in the thousands place. The digit in the hundreds place is greater than the digit in the ten thousands place. The digit in the ones place is 2. The digit in the tens place is 0. What number can I be?
 - 1) 32 520
 - 2) 32 502
 - 3) 53 220
 - 4) 23 502

4. Find the sum of the values of the digits 3 and 5 in each of the following numbers: 1395 and 31 256.
- 1) 3355
 - 2) 30 305
 - 3) 30 300
 - 4) 30 355
5. The number of people at a stadium is 23 000 when rounded off to the nearest hundred. Which of the following is the greatest possible number of people at the stadium?
- 1) 22 950
 - 2) 23 049
 - 3) 23 050
 - 4) 23 149
6. Find the difference between 45 020 and 35 126. Round off the answer to the nearest ten.
- 1) 9800
 - 2) 9890
 - 3) 9900
 - 4) 10 000

7. What is the sum of all the factors of 18?
- 1) 18
 - 2) 28
 - 3) 30
 - 4) 39
8. 7 ten thousands + 14 hundreds + 23 tens + 12 ones = _____.
- 1) 7175
 - 2) 8642
 - 3) 71 642
 - 4) 84 242
9. Subtract 24 089 from 60 001. The answer is _____.
- 1) 35 912
 - 2) 44 088
 - 3) 57 512
 - 4) 84 090
10. Round off the numbers to the nearest hundred and then estimate the value of $25\,091 + 3449 + 954$.
- 1) 29 400
 - 2) 29 490
 - 3) 29 500
 - 4) 29 600

11. When a number is divided by 38, it gives a quotient of 472 and a remainder of

21. What is the number?

- 1) 5192
- 2) 5213
- 3) 17 936
- 4) 17 957

12. Find the difference between the greatest and the smallest factor of 64.

- 1) 0
- 2) 30
- 3) 62
- 4) 63

13. What is the product of the 3rd and 6th multiple of 8?

- 1) 18
- 2) 72
- 3) 144
- 4) 1152

14. How many letters below have perpendicular lines?

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- 1) 2
- 2) 3
- 3) 4
- 4) 5

15. Nancy made 275 muffins and 98 cakes. Each muffin was sold at \$2 and each cake was sold at \$30. If all the muffins and cakes were sold, how much money did she collect?

- 1) \$196
- 2) \$550
- 3) \$3490
- 4) \$8446





SECTION B (25 marks)

Questions 16 to 20 carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. Figures are not drawn to scale. Answers in fractions or ratio must be expressed in the simplest form.

16. Find the value of 87×65 .

Ans: _____

17. Find the value of $\frac{3}{4} \div 24$. Express your answer in the simplest form.

Ans: _____

18. Arrange the following numbers in order, beginning with the greatest.

96 305, 96 530, 96 503, 96 350

Ans: _____

19. Alice has 25 stamps. Noah has 16 times as many stamps as Alice. Noah has 4 times as many stamps as Victoria. How many stamps does Victoria have?

Ans: _____

20. A total of 1450 people watched a movie last Saturday. There were 588 more adults than children. How many children were there in the theatre?

Ans: _____

Questions 21 to 30 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. Figures are not drawn to scale. Answers in fractions or ratio must be expressed in the simplest form.

21. Dr Chia saw some patients on Monday. Every day from Tuesday to Wednesday, he saw 3 more patients than the day before. He saw a total of 78 patients from Monday to Wednesday. How many patients did he see on Monday?

Ans: _____

22. Rajah was given 2 hours to do his Maths homework. He completed it $\frac{3}{8}$ hour earlier than the given time. How long did he take to complete the Maths homework?

Ans: _____

23. Xiao Tong bought 6 baking pans at \$39 each and an oven at \$549. How much did he spend altogether?

Ans: _____

24. A 2-digit number gives a remainder of 1 when divided by 3. It also gives a remainder of 3 when divided by 4. What is the smallest possible value of this 2-digit number?

Ans: _____

25. Rashida had 30 sweets. She gave 11 sweets to each of her two sons and 3 sweets to her daughter. What fraction of her sweets had she left? Express your answer in the simplest form.

Ans: _____

26. At a student leadership camp, some girls and boys were put into groups. In each group, there were 9 girls and 8 boys. If there were 144 girls, find the number of boys.

Ans: _____

27. The difference of two numbers is 36. If the bigger number is 3 times the smaller number, what is the smaller number?

Ans: _____

28. Mary collected 285 stamps. After she gave 53 stamps to Kelly, they had the same number of stamps. How many stamps did Kelly have at first?

Ans: _____

29. Bala and Cindy had the same number of pencils. Bala sold 360 pencils while Cindy sold twice as many pencils as he. If Cindy had 568 pencils left, how many pencils did Bala have at first?

Ans: _____

30. When Gary was 6 years old, his mother was 5 times as old as he. When his mother is 40 years old, how old will Gary be?

Ans: _____

End of Paper



PRIMARY 4 MATHEMATICS

SIMULATED EXAM PAPER

SET 4

PAPER 2

DURATION : 1 HOUR 30 MINUTES

Paper 2 Total	/ 55
Grand Total	/ 100

Name: _____ ()

Class: _____

Date: _____

Instructions to candidates

1. Write your name and index number in the space provided.
2. Do not turn over the page until you are told to do so.
3. Follow all instructions carefully
4. Answer all questions.
5. You are allowed to use calculator for Paper 2.

Questions 1 to 5 carry 2 marks each. Show your working clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. Figures are not drawn to scale. (10 marks)

1. In a carpark, the cars are parked in straight rows. Each row has an equal number of cars. When Mr Lee is in his car, he realises that there are 6 cars to his right and 3 cars to his left. There are 2 rows of cars in front of him and 2 rows of cars behind him. How many cars are there in the carpark altogether?

Ans: _____

2. Abbie bought some flour to make some buns. Abbie bought 1900 g of flour less than Betty. Catty bought 900 g of flour more than Abbie. If they bought 14 500 g, how much flour did Catty buy? Give your answer in grams.

Ans: _____

3. Lily has 2066 red and blue beads. She has 198 more blue beads than red beads. How many blue beads does she have?

Ans: _____

4. Mum spent $\frac{1}{2}$ of her money on a handbag, $\frac{1}{4}$ of her money on a pair of shoes and $\frac{1}{8}$ of her money on a wallet. What fraction of her money did she spend altogether?

Ans: _____

5. Miss Pen bought 28 packets of sweets. In each packet, there were 42 sweets. She gave all her sweets to her students. If each student received 7 sweets, how many students were there?

Ans: _____

For questions 6 to 17, 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. (45 marks)

6. Mr Lim bought 4 shirts and 3 pairs of shoes for \$281. Each pair of shoes cost \$12 more than each shirt. What was the cost of each pair of shoes?

Ans: _____ [3]

7. Nuzrul saves \$180 a day. Shao Ming saves \$257 more than Nazrul every day. How much do they save altogether in 7 days?

Ans: _____ [3]

8. Andy has 220 stamps. Benny has thrice as many stamps as Andy. Casey has half as many stamps as Benny. How many stamps do the three children have altogether?

Ans: _____ [3]

9. The total mass of a table and a chair is $\frac{5}{6}$ kg. Given that the table weighs $\frac{7}{12}$ kg, how much heavier is the table compared to the chair? Express your answer in the simplest form.

Ans: _____ [3]

10. Mrs Tan had 2210 sweets. She gave away 24 sweets and packed the remaining sweets equally into 7 packets.

- a) How many sweets were there in each packet?
- b) How many sweets were left unpacked?

Ans: (a) _____ [1]

(b) _____ [2]

11. A fruit stall had a total of 365 apples and oranges. There were 4 times as many apples as oranges. After 158 apples and some oranges are sold, there were twice as many apples as oranges left. How many oranges were left in the stall?

Ans: _____ [3]

12. Mark had 45 bags of marbles. In each bag, there were 268 marbles. He then shared them equally with 4 friends. How many marbles did each child receive?

Ans: _____ [4]

13. Lamp-posts are placed along a road from one end to the other end at an equal distance of 2 m apart from each other. The road is 32 m long.
- a) Find the number of lamp-posts placed along the road.
- b) If each lamp-post cost \$140, how much would be needed to pay for all the lamp-posts needed for the road?

Ans: (a) _____ [2]

(b) _____ [2]

14. Jaslyn paid a total of \$572 for 4 tables and 6 chairs. Each table costs \$38 more than each chair. What is the cost of each chair?

Ans: _____ [4]

15. Alisha has $\frac{4}{9}$ kg of flour. Jasmine has $\frac{8}{9}$ kg more than Alisha.

a) What is the mass of Jasmine's flour?

- b) After Jasmine used $\frac{1}{3}$ kg of flour and Alisha bought some more flour, they have the same amount of flour in the end. How much flour did Alisha buy?

Ans: (a) _____ [3]

(b) _____ [2]

16. Raj bought the same number of table tennis rackets and table nets. The total cost of 3 table tennis rackets and 2 table nets was \$68. The total cost of 1 table tennis racket and 2 table nets was \$36. He spent a total of \$130. How much does 1 tennis racket and 1 table net cost?



Ans: _____ [5]

17. May, Allen and Jane have 360 erasers altogether. After May gave Jane 20 erasers and Allen gave Jane 70 erasers, all of them had an equal number of erasers.

- a) How many erasers did Allen have at first?
- b) How many erasers did Jane have at first?



Ans: (a) _____ [2]

(b) _____ [3]

End of Paper