



PRIMARY 4 MATHEMATICS

SIMULATED EXAM PAPER

SET 1

PAPER 1

DURATION : 60 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. In 68445, the digit 6 is in the _____ place.
 - 1) ones
 - 2) tens
 - 3) thousands
 - 4) ten thousands

2. 23 987 is _____ when rounded off to the nearest hundred.
 - 1) 23 900
 - 2) 23 980
 - 3) 24 000
 - 4) 24 900

3. What is the first common multiple of 6 and 8?
 - 1) 24
 - 2) 36
 - 3) 48
 - 4) 64

4. Ahmad has \$180. Benny has \$50 more than Ahmad. Cindy has \$25 more than Benny. How much more money does Cindy have than Ahmad?
- 1) \$35
 - 2) \$75
 - 3) \$215
 - 4) \$230
5. Sean has 670 stickers. Glen has 2 times as many stickers as Sean. How many stickers must Glen give Sean so that they will have the same number of stickers.
- 1) 335
 - 2) 670
 - 3) 1005
 - 4) 1340
6. Olivia's mother was 4 times Olivia's age 4 years ago. If their total age now is 48, how old is Olivia now?
- 1) 8
 - 2) 9
 - 3) 12
 - 4) 14

7. The table below shows the distance Mrs Lim swims in 4 days.

Day	1	2	3	4	5
Distance (m)	250	500	1000	2000

What is the total distance she would have swam in 5 days?

- 1) 2750 m
 - 2) 3750 m
 - 3) 4750 m
 - 4) 7750 m
8. Which one of the following gives the best estimate for 58×791 ?
- 1) 50×700
 - 2) 50×800
 - 3) 60×700
 - 4) 60×800
9. When 87 is divided by a number, the quotient is 9 and the remainder is 6. What is the number?
- 1) 6
 - 2) 7
 - 3) 8
 - 4) 9

10. Which one of the following is not a common factor of 24 and 36?

- 1) 12
- 2) 8
- 3) 6
- 4) 4

11. How many common multiples of 5 and 8 are 2-digit numbers?

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

12. Which one of the following is equal to 87 400?

- 1) 87 hundreds 40 tens
- 2) 80 thousands 74 tens
- 3) 87 thousands 40 hundreds
- 4) 80 thousands 74 hundreds

13. Marilyn was paid \$2807 for working 7 months. What is her salary per month?

- 1) \$31
- 2) \$41
- 3) \$301
- 4) \$401

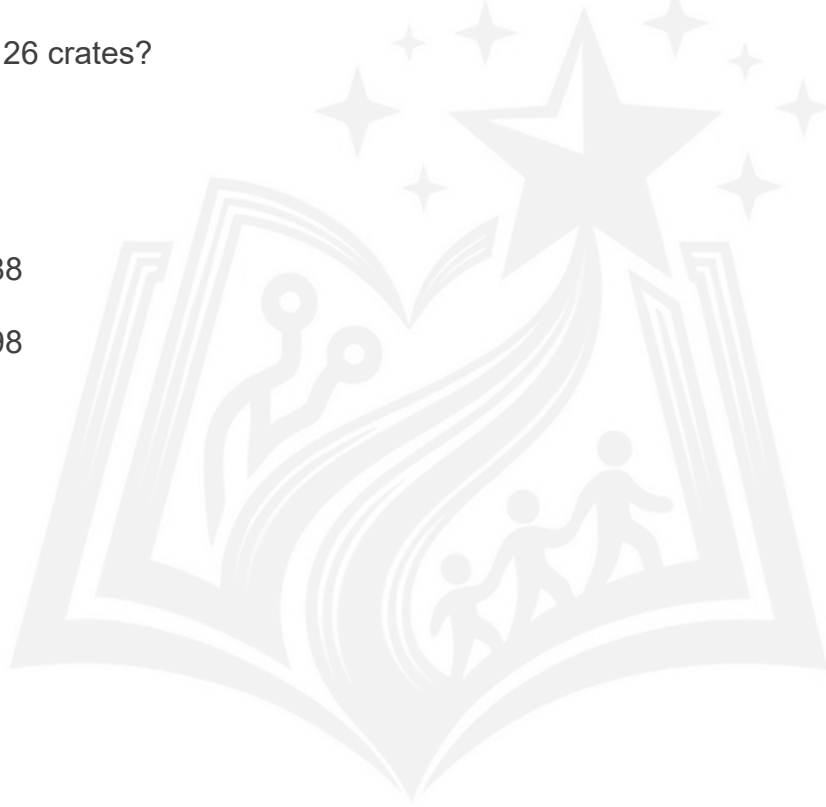
14. 25×40 has the same value as _____ $\times 10$.

What is the missing number in the box?

- 1) 25
- 2) 100
- 3) 250
- 4) 254

15. There are 438 mandarin oranges in a crate. How many mandarin oranges are there in 26 crates?

- 1) 3504
- 2) 3512
- 3) 11 388
- 4) 10 398



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 difference between 12835 and 1283. Round off your answer to the nearest hundred.

Ans: _____

17. Find the sum of the common factors of 16 and 24.

Ans: _____

18. In 71 586, the digit 5 is in the _____ place.

Ans: _____

19. How many tens are there in 12 000?

Ans: _____

20. What is the missing number in the pattern?

3765, 3767, 3771, _____, 3785, 3795

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. List all the factors of 8 and 12.

Ans: _____

22. The smallest number when rounded off to the nearest ten gives a value of 250.
 What is the number?

Ans: _____

23. Find the sum of 3968 and 2985.

Round off your answer to the nearest hundred.

Ans: _____

For questions 24 to 26, refer to the table below.

There are 80 pupils in a Math Club. The pupils were asked to answer four questions in a Math quiz. The table shows the number of correct answers obtained by the pupils.

Total number of correct answers	0	1	2	3	4
Number of pupils	?	9	36	14	15

24. How many pupils did not get any correct answers in the Math quiz?

Ans: _____

25. How many pupils have at least 2 correct answers?

Ans: _____

26. How many more pupils have 3 or more correct answers than 1 correct answer?

Ans: _____

27. 21 and 42 are common multiples of 3 and a whole number, Z. Z is a 1-digit number. What is Z?

Ans: _____

28. Gabrielle has to climb 14 steps to get from one storey to another storey. How many steps does she have to climb to get from the third storey to the tenth storey?

Ans: _____

29. The total number of boys and girls in the school is 2639. If there are 475 less girls than boys, how many boys are there in the school?

Ans: _____

30. A number when divided by 6 has a quotient of 704 and a remainder of 3. What is the number?

Ans: _____

End of Paper



PRIMARY 4 MATHEMATICS

SIMULATED EXAM PAPER

SET 1

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.

There are 3480 women in an auditorium. The total number of people in the auditorium is 6000 when rounded off to the nearest hundred. What is the greatest possible number of men in the auditorium?

Ans: _____

2. Mrs Rose bought 5 similar boxes and 4 similar bags of cookies. She had a total of 2700 cookies. There were 360 cookies in each box. How many cookies were there in each bag?

Ans: _____

3. Carol is 12 years old. Her father is 4 times as old as she is. What will their total age be in 10 years' time?

Ans: _____

4. Josephine gave the cashier \$500 to pay for 9 blouses of the same type. She received a change of \$68. How much did each blouse cost?

Ans: _____

5. 8 teams are taking part in a basketball tournament. Each team must play against each of the other teams. How many games will be played in the tournament?

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. In a carpark, there are 35 cars and motorbikes. If there are 120 wheels altogether, how many cars are there?

Ans: _____ [3]

7. Siva bought some gift boxes at \$7 each. They cost \$945 in all. Later he had to throw some away as they were damaged. He sold the rest at \$9 each and collected \$1116. How many gift boxes did he throw away?

Ans: _____ [4]

8. Mrs Lee baked 2850 apples tarts. Mrs Choo baked twice as many apple tarts as Jamie. If Jamie baked 360 fewer apple tarts than Mrs Lee, how many apple tarts did Mrs Choo bake?

Ans: _____ [3]

9. Danny wants to buy a computer and a radio. In a shop, each computer costs 8 times as much as a radio. If the total cost of the radio and computer is \$3600, how much is the cost of a computer?

Ans: _____ [3]

10. Mr Tong bought some candy bars. If he shared the candy bars with 3 children, there will be no remainder left, but if he shared the candy bars with 5 children, there will be 3 candy bars left over. What is the number of candy bars Mr Tong bought?

Ans: _____ [3]

11. Ms Wong wanted to give some jelly beans to her class of 42 pupils. If each packet contained 8 jelly beans, what was the least number of packet of jelly beans Ms Wong needed so that each pupil would receive 17 jelly beans?

Ans: _____ [4]

12. Karen had \$40 more than Ali. After Karen bought a dress for \$180 and Ali bought a tennis racket for \$200, Karen had had twice the amount of money Ali had. How much money do Karen have at first?

Ans: _____ [4]

13. There were 20 000 trees in an orchard. 15 488 were apple trees. The rest were orange and pear trees. If there were 3678 more orange trees than pear trees, how many pear trees were there in the orchard?

Ans: _____ [3]

14. Jason bought one pair of pants at \$124 and 2 hats at \$78 each. If he had \$450 at first, what is the maximum number of t-shirts he can buy with the remaining money if each t-shirt cost \$8?

Ans: _____ [4]

15. 3 handbags and 3 belts cost \$1422. The cost of 1 belt is half the cost of 1 handbag. Find the cost of 1 handbag.

Ans: _____ [4]

16. On Mother's Day, Shop A sold 7 times as many stalks of roses as Shop B.

Shop B sold 184 fewer stalks of roses than Shop C. Shop B sold 792 fewer stalks of roses than Shop A. How many stalks of roses did the 3 shops sell altogether?



Ans: _____ [5]

17. Mrs Shanti bought 144 boxes of noodles. There are 8 packets of noodles in each box.
- a) How many packets of noodles did she buy?
- b) She repacked the noodles into bags of 6 each, to be sold at a funfair. If each bag of noodles cost \$15, how much money did she collect at the funfair?



Ans: (a) _____ [1]

(b) _____ [4]

END OF PAPER