

NANYANG PRIMARY SCHOOL
FIRST CONTINUAL ASSESSMENT 2004
MATHEMATICS
PRIMARY FIVE

CA7

Name: _____ () Marks : _____ /100

Class: Primary 5 () Parent's Signature

Duration: 2 hr 15 min

Section A

Questions 1 to 5 carry one mark each. Questions 6 to 15 carry two marks each.

For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

(Total: 25 marks)

1. In the number 5,826,738, the digit '2' is in the _____ place.

- | | |
|-------------------|-----------------------|
| (1) hundreds | (2) thousands |
| (3) ten thousands | (4) hundred thousands |

2. What is the sum of the **value** of the digits 8 and 4 in the number 4578?

- | | |
|---------|----------|
| (1) 12 | (2) 48 |
| (3) 408 | (4) 4008 |

3. A spaceship travelled 999 570 km. Round off this distance to the nearest 1000 km.

- | | |
|----------------|------------------|
| (1) 999 000 km | (2) 999 500 km |
| (3) 999 600 km | (4) 1 000 000 km |

4. What is $5\,000 \times 2\,000$?

- (1) 10
(2) 1000
(3) 1 000 000
(4) 10 000 000

5. Which of the following is the **best estimate** for $2\,011 \div 4$?

- (1) $2\,100 \div 4$
(2) $2\,000 \div 4$
(3) $2\,200 \div 4$
(4) $3\,000 \div 4$

6. Find the value of $72 - 6 \times 5 + 21$

- (1) 63
(2) 351
(3) 401
(4) 1716

7. Find the value of $20 \div 2 \times (18 + 6)$

- (1) 48
(2) 186
(3) 240
(4) 340

8. Jane and Jill shared 410 stickers. Jane has 100 stickers more than Jill. How many stickers does Jill have?

- (1) 155
(2) 255
(3) 310
(4) 510

13. A red ribbon 11 metres long is 5 times as long as a blue ribbon. How long is the blue ribbon?

(1) $\frac{5}{11}$ m

(2) $2\frac{1}{5}$ m

(3) 6 m

(4) 55 m

14. Hamzah mowed $\frac{1}{3}$ of a lawn and his brother mowed $\frac{1}{2}$ of it. What fraction of the lawn did they mow?

(1) $\frac{1}{6}$

(2) $\frac{2}{3}$

(3) $\frac{2}{5}$

(4) $\frac{5}{6}$

15. Samy took $\frac{3}{4}$ hour to do his homework. He spent $1\frac{1}{4}$ hours on tuition. How much longer did he spend on tuition than on his homework?

(1) $\frac{1}{2}$ hour

(2) 1 hour

(3) $1\frac{1}{4}$ hour

(4) 2 hours

Section B

Questions 16 to 35 carry 1 mark each. Write your answers in the spaces provided. Give your answers in the units stated.

(Total: 20 marks)

16. Write 9 532 887 in words.

17. In the number 7 890 145, the value of the digit '8' is _____.

Answer: _____

18. The value of 7 in the millions place is _____ times the value of 7 in the thousands place.

Answer: _____

19 $(65 - 12) \times 5 + 80 \div 40 = \underline{\hspace{2cm}}$

Answer: _____

20. Evaluate $38 + 16 \times 9 \div (52 - 40)$

Answer: _____

21. There were an equal number of cakes and pies in a shop. After 36 cakes had been sold, 3 times as many pies as cakes were left. How many cakes were there in the shop at first? FRP

Answer: _____

22. Mr Ho bought a 3-room apartment. He paid a deposit of \$30 000 and the remaining amount had to be paid equally in 20 years. If he paid \$98 800 for his apartment, how much did he have to pay a year?

Answer: \$ _____

23. Mrs Tan paid \$30~~00~~ for 5~~00~~ toys. Find the cost of 1 toy.

Answer: \$ _____

24. Find the value of 1052×38 rounded off to the nearest hundred.

Answer: _____

25. A photocopier can print 29 copies in a minute. How many copies can it print in 50 minutes?

Answer: _____

26. Concert tickets were sold at \$30 each. Mr Wee collected a total of \$6 300. How many tickets did he sell?

Answer: _____

27. $1008 \div 25 =$ _____

Answer: _____

28. 70 pupils were divided into 14 teams. There were 2 girls in each team. How many boys were in each team?

Answer: _____

29. Rahimah baked 840 biscuits. She sold them in packets of 24 biscuits each. How much money did she receive if she sold all the biscuits at \$3 per packet?

Answer: \$ _____

30. Mrs Chow bought 17 packets of sweets. In each packet, there were 130 sweets. She gave 1485 sweets to her pupils. How many sweets had she left?

Answer: _____

31. What is the value of $22 \div 8$.
Express your answer as a mixed number in its simplest form.

Answer: _____

32. A pail contains 9 litres of water. If the water is poured equally into 5 jugs, how much water is there in each jug? Leave your answer as a mixed number in its simplest form.

Answer: _____ litres

33. May baked 10 cakes of the same size. She divided the cakes into 4 equal shares. How many cakes were there in each share? Give your answer in its simplest form.

Answer: _____

34. Express $\frac{800}{3000}$ in the simplest form.

Answer: _____

35. Ali went to a bookshop. He spent $\frac{3}{5}$ of his money on some books and $\frac{1}{4}$ of it on a pen. What fraction of his money had he left?

Answer: _____

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Section C

For questions 36 to 50, show your working clearly in the space below each question and write your answers in the space provided.

The number of marks available is shown in brackets [] at the end of each question or part-question.

(Total: 55 marks)

36. A charity organisation received a donation of \$1 750 940 from a fund-raising concert and another \$800 000 from a donor. What was the total amount of money received?

Answer: _____ [2]

37. 6 children share 3 471 cards. Estimate to the nearest hundred the number of cards each child will receive.

Answer: _____ [2]

38. There are 70 classes in a school. If each class is to be given 428 library books, how many books must the school buy?

Answer: _____ [2]

39. 20 shops sold an average of 3 453 compact discs in December. If they sold only 50 000 compact discs in January, how many more compact discs did they sell in December?

Answer: _____ [3]

40. Rahim wanted to buy a computer for \$2 430. He made a downpayment of \$330 and paid the remaining amount in 30 equal instalments. How much did he pay for each instalment?

Answer: _____ [3]

41. Anne gave $\frac{2}{7}$ of her money to Paul and $\frac{1}{2}$ of it to Jack. What fraction of Anne's money was left?

Answer: _____ [3]

42. A factory employs 500 workers. Each worker works 2 shifts earning \$20 more for the later shift. If they are paid \$45 000, how much is each worker paid for the earlier shift?

Answer: _____ [4]

43. 2 apples and 3 mangoes cost \$6.60. A mango costs three times as much as an apple. How much does each mango cost?

Answer: _____ [4]

44. A florist used 6 stalks of daisies and four times as many stalks of carnations to make a floral basket. If she had to make 47 baskets,
- (a) how many stalks of carnations did she use?
 - (b) how many stalks of both types of flowers did she use?

Answer: (a) _____

(b) _____

45. A shopkeeper had 4 250 g of sugar. He sold $\frac{1}{5}$ of it. Then he put the remaining sugar into equal packets of 25 g each. How many packets of sugar were there?

Answer: _____ [4]

46. 5l of Liquid A and 8l of Liquid B were mixed together. The mixture was then poured into 12 bottles of the same size.

(a) How many litres of mixture were there in each bottle?

(b) When $\frac{1}{4}$ l of the mixture was used from one of the bottles, find the amount of mixture left in that bottle. Leave your answer in litres.

Answer: (a) _____ [2]

(b) _____ [2]

47. 98 artists held a joint exhibition. 40 of them were males who displayed 8 exhibits each. There were 1190 exhibits altogether. If each female artist displayed an equal number of exhibits, how many exhibits did each female artist display?

Answer: _____ [5]

48. Ribbon A is $\frac{7}{10}$ m long. Ribbon B is $\frac{4}{5}$ m longer than Ribbon A and $\frac{2}{3}$ m longer than Ribbon C.

Find (a) the length of Ribbon C,
(b) the total length of the 3 ribbons.

Answer: (a) _____ [3]

(b) _____ [2]

49. Mother paid \$49 for 5 similar books and 3 similar pens. She paid \$22 less for 3 such books and 1 such pen.

Find the cost of (a) a book,
(b) a pen.

Answer: (a) _____ [3]

(b) _____ [2]

50. Ali, Ben and Jialu have \$1 050 altogether. Ali and Ben have an equal amount of money. If both of them give Jialu \$50 each, Jialu will have five times as much money as each of them.
How much money does Ben and Jialu each have at first?

Answer: Ben: _____ [3]

Jialu: _____ [2]

☺ **End of Paper** ☺

Please Check Carefully

Setters: Mrs Jennifer Wong
Mrs Amy Chow

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C/A7

- 1) 3
2) 4
3) 4
4) 4
5) 2
6) 1
7) 3
8) 1
9) 3
10) 3
11) 4
12) 1
13) 2
14) 4
15) 3
16) Nine million, five hundred and thirty-two thousand, eight hundred and eighty-seven.
17) 800000
18) 1000
19) 267
20) 50
21) 54 cokes
22) 3440
23) 6
24) 40000
25) 1450 copies
26) 210
27) 40 - 2
- 28) 3 buys
29) 105
30) 725
31) $2 \frac{3}{4}$
32) $1 \frac{4}{5}$
33) $2 \frac{1}{2}$
34) $\frac{4}{15}$
35) $\frac{3}{20}$
36) \$ 2550940
37) \$ 600
38) 29960 books
39) 19060
40) \$ 70
41) $\frac{3}{14}$
42) \$ 35
43) \$ 1.80
44) a) 1128 carnation b) 1410 flowers
45) 136 packets of sugar
46) a) $1 \frac{1}{12}$ litres
b) $\frac{5}{6}$ litre
47) 15 exhibits
48) a) $\frac{5}{6}$ m b) $3 \frac{1}{30}$
49) a) \$ 8 b) \$ 3
50) a) \$ 200 b) \$ 650