AI TONG SCHOOL

2004 SEMESTRAL ASSESSMENT (1)
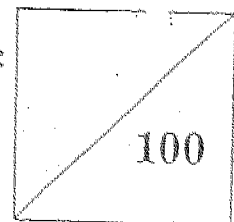
PRIMARY FOUR

(P4)

DURATION : 1h 45 min

DATE: 14 May 2004

INSTRUCTIONS

Do not open the booklet until you are told to do so.
Follow all instructions.
Answer all questions.

Name : _____ (   )

Class : Primary _____

Parent's Signature : _____

Date : _____

Marks :

| 100 |

Section A : (20 x 2 marks)

For each question, choose the correct answer and shade its number (1,2, 3 or 4) in the OAS provided.

1. What is the value of the digit 6 in 63 980?

(1) 6 000 ones

(2) 600 tens

(3) 60 hundreds

(4) 60 thousands

2. 24 thousands 2 hundreds and 10 ones when written in numeral is _____

(1) 24 201

(2) 24 210

(3) 24 300

(4) 24 301

3. When a number is a multiple of 5, its ones digit is _____ or 5.

(1) 0

(2) 2

(3) 4

(4) 8

4. Find the sum of all the odd factors of 26.

(1) 13

(2) 14

(3) 27

(4) 28

5. When a number is divided by 25, the answer is 400. What is the number?

(1) 16

(2) 106

(3) 1 000

(4) 10 000

/ 10 marks

6. Find the difference of 5 895 and 2 514. Round off your answer to the nearest ten.

(1) 3 300

(2) 3 380

(3) 3 390

(4) 3 400

7. The product of 56 and 30 is 100 more than _____.

(1) 1 580

(2) 1 680

(3) 1 780

(4) 1 880

8. A basket of 24 jackfruit costs $48. How many jackfruit can Mr Lee buy if he has only $16?

(1) 8

(2) 12

(3) 16

(4) 32

9. Kelly has thrice as many pencils as erasers. If there are 12 more pencils than erasers, how many erasers does she have?
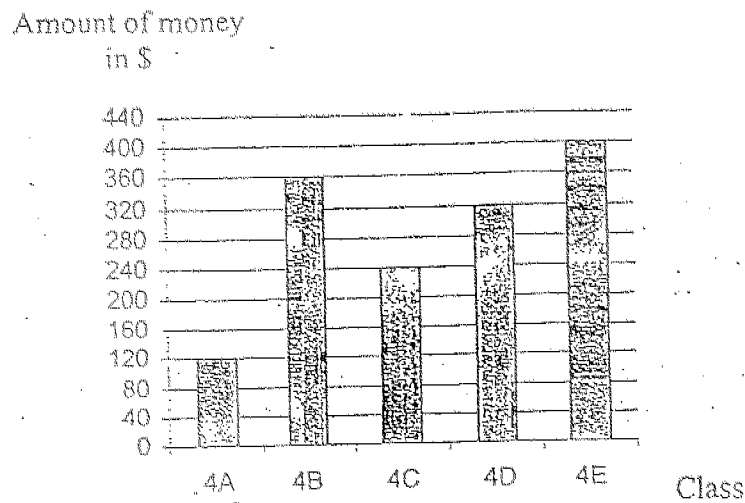
(1) 4

(2) 6

(3) 8

(4) 18

/ 8 marks

2

The bar graph below shows the amount of money donated by 5 classes to the Care Charity.
Study it carefully and answer questions 10 and 11.

Amount of money
in $

10. What is the total amount of money donated by the 5 classes?

(1) $1 110

(2) $1 140

(2) $1 410

(4) $1 440

11.How much more must 4D donate so that the amount donated is thrice as much as 4A?

(1) $ 40

(2) $ 80

(3) $ 120

(4) $ 200

12. Express $\frac{45}{8}$ as a mixed number.

(1) $4 \frac{5}{8}$

(2) $4 \frac{7}{8}$

(3) $5 \frac{5}{8}$

(4) $5 \frac{7}{8}$

/ 6 marks

13. There are 7 red ribbons, 5 blue ribbons and 3 green ribbons in a box. What fraction of the ribbons are blue?
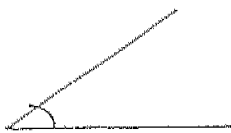
(1) $\frac{1}{3}$

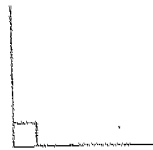(2) $\frac{5}{7}$

(3) $\frac{5}{12}$

(4) $\frac{5}{20}$

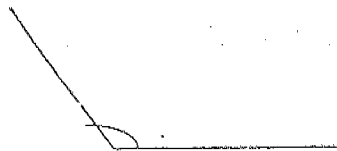14. Which of the following is smaller than a right angle?

(1)

(2)

(3)

(4)

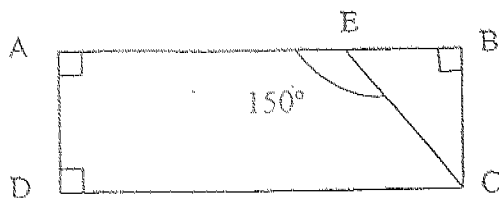15. The minute hand of a clock travels through _____ right angle from 3 pm. to 3.30pm.

(1) 1

(2) 2

(3) 3

(4) 4

/ 6 marks

The figure below is not drawn to scale. Use the figure to answer questions 16 and 17.

16. In the figure above, line _____ is parallel to line AD.

    (1) AB   (2) DC

    (3) EC   (4) BC

17. Which of the following statement is __TRUE__?

    (1) AB is perpendicular to BC

    (2) AB is parallel to EC
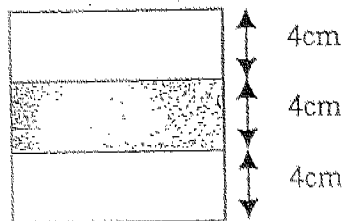
    (3) ∠ CEB is 50°

    (4) ∠ ABC is greater than ∠ CDA

18. In the square below, the area of the __shaded__ part is _____.
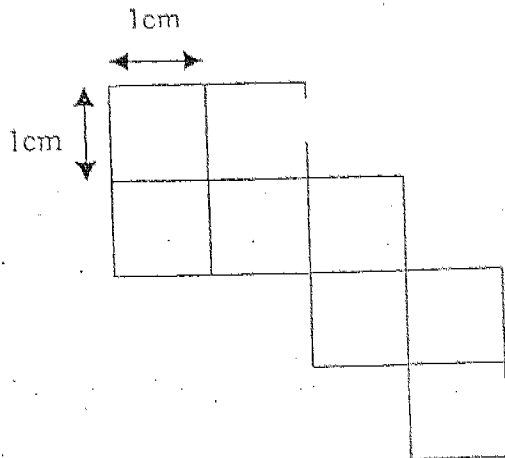
    (1) 12 cm²
    (2) 16 cm²
    (3) 48 cm²
    (4) 144 cm²

/ 6 marks

The figure below is made up of 1-cm squares. Study it and answer questions 19 and 20.

1cm

1cm

19. What is the <u>area</u> of the above figure?

(1) 8 cm

(2) 10 cm

(3) 8 cm²

(4) 10 cm²

20. The <u>perimeter</u> of the figure is _____

(1) 14 cm

(2) 16 cm

(3) 24 cm

(4) 26 cm

/ 4 marks

Section B : (20 x 2 marks)

For each question, show your working and write the correct answer in the blank provided.

21. What is the value of digit 8 in 82 961?   Answer: _____

22. What is the difference between 40 thousands 3 hundreds and 200 hundreds 15 tens?

Answer: _____

23. 15 x 23 = _____ ÷ 12

Answer: _____

24. Multiply 320 by 50. The answer is _____ more than 6 000.

Answer: _____

25. Divide the sum of 4 840 and 2 468 by 9. Round off the answer to the nearest 100.

Answer: _____

/10mar

26. Ronnie is 15 year old now. 3 years ago, his father was 45 year old. How much older is his father than him ?

Answer: _____

27. 3 badminton rackets cost $ 81. What is the cost of 9 badminton rackets?

Answer: $ _____

28. There are 2 numbers. The first number is half of the second number. If the second number is 3 760, what is the first number?

Answer: _____

The table below shows the enrolments of 3 schools from 2001 to 2004. Study it carefully and answer questions 29 and 30.

Year \ School	Rivervale School	Streamvale School	Cocovale School
2001	1 200	1 200	1 120
2002	1 330	1 250	1 140
2003	1 365	1 280	1 220
2004	1 400	1 240	1 250

29. How many more pupils does Cocovale School have in 2004 than in 2001?

Answer: _____ pupils

/ 8 marks

30. What is the difference in enrolment between Streamvale School and Cocovale School in 2001?

Answer: _____

31. A basket has 18 eggs. $\frac{1}{3}$ of the eggs are sold. How many eggs are <u>not sold</u>?

Answer : _____ eggs

32. What fraction of the figure is <u>shaded</u>? (Express your answer in the simplest form.)

Answer : _____

33. Mary invited 20 girls and 10 boys to her birthday party. 4 boys and 5 girls left early. What fraction of the children remained were girls? (Express your answer in the simplest form.)
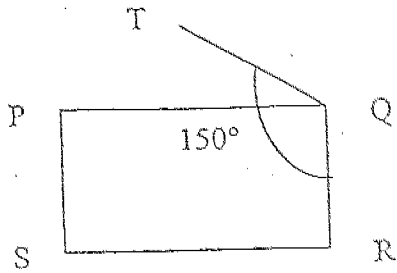
Answer : _____ girls

34. $1\frac{3}{4}$ times of a complete turn of a minute hand is _____ right angles.

Answer : _____ right angles

/10marks
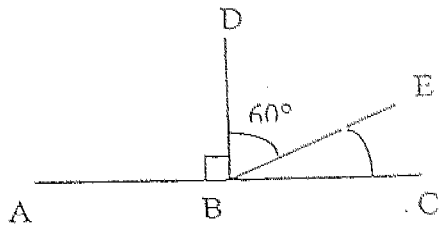
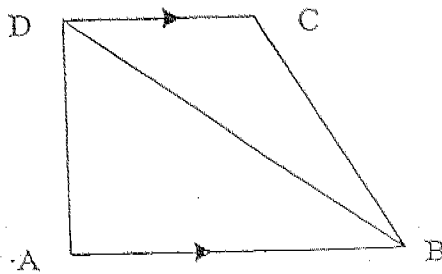35. In the figure not drawn to scale, PQRS is a rectangle. $\angle TQR = 150°$. Find $\angle TQP$.

T

P

150°

Q

S

R

Answer : $\angle TQP$ _____°

36. ABC is a straight line. Find $\angle EBC$.

D

E

60°

A   B   C

Answer : $\angle EBC$ _____°

37. In the figure, not drawn to scale, AB is parallel to _____.

D   C

A   B

Answer: _____
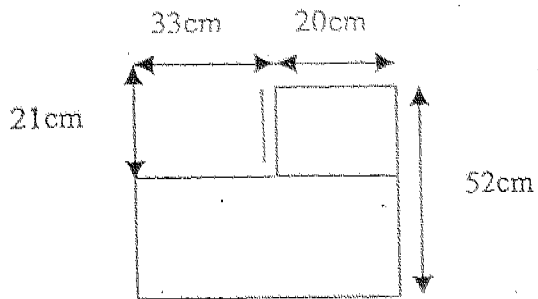
38. The area of a square is 36cm². What is the side of the square?

Answer : _____ cm

39. The length of the rectangle is15cm longer than its breadth. The breadth is 12cm. Find the
    perimeter.

Answer: _____ _____ cm

40. The figure is not drawn to scale. Find the area of the figure.

33cm   20cm

21cm

52cm

Answer : _____ cm²

/ 4 marks

Section C : (5 x 4 marks)

Work out these problems carefully. Show your workings and statements clearly.

41. 2 pairs of roller blades, a hockey stick and 2 pairs of knee guards cost $840. A pair of knee guards costs $ 40 each. If 2 similar pairs of roller blades cost $580, find the cost of

(a) 2 pairs of knee guards

(b) the hockey stick

Answer : (a) _____

(b) _____

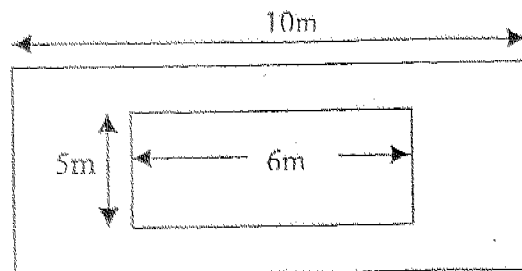42. 780 stamps were shared among Fiona, Daisy and Mindy. Fiona had three times as many stamps as Daisy. Mindy had twice as many stamps as Fiona. How many stamps did Fiona have?

Answer : _____

/ 8 marks

43. Mdm. Tan bought a bottle of milk. She drank $\frac{2}{5}$ of the bottle of milk. If 240ml of milk was left, how much milk was in the bottle at first?

Answer : _____

44. In the figure shown, the area of the big rectangle is 50m² bigger than the small rectangle. Find the breadth of the big rectangle.

Answer: _____

/ 8 marks

13

45. $\frac{1}{4}$ of Jane's savings is the same as $\frac{1}{3}$ of Peter's savings. If Peter's savings is $2 700, how much savings does Jane have?

Answer: _____

AI TONG SCHOOL
2004 SEMESTRAL ASSESSMENT 1
PRIMARY FOUR MATHEMATICS

1) 4

2) 2

3) 1

4) 2

5) 4

6) 2

7) 1

8) 1

9) 2

10) 4

11) 1

12) 3

13) 1

14) 1

15) 2

16) 4

17) 1

18) 3

19(3

20) 1

21) 80000

22) 20150

23) 4140

24) 10000

25) 800

26) 33 years later

27) 243

28) 1880

29) 130

30) 80

31) 12

32) 2/5

33) 5/7

34) 7

35) 60°

36) 30°

37) DC

38) 6

39) 78

40) 2063

41) a) $ 80

   b) $ 180

42) 234 stamps

43) 400 ml

44) 8 m

45) $ 3600