

**SEMESTRAL ASSESSMENT 1
2017**

Your Score Out of 100 marks	
Parent's Signature	

Name: _____ () Class: P3__

8 May 2017

MATHEMATICS

Duration: 1 h 45 min

SECTION A (40 marks)

Questions 1 to 20 carry 2 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 your answer (1, 2, 3 or 4) on the OAS provided.

1. What does the digit 8 in 4823 stand for?

- (1) 8
- (2) 80
- (3) 800
- (4) 8000

2. Write six thousand and fifty-nine in numerals:

- (1) 6059
- (2) 6095
- (3) 6509
- (4) 6590

3. $3247 + 777 =$ _____

- (1) 3914
- (2) 3924
- (3) 4014
- (4) 4024

4. Find the difference between 2652 and 4593.

- (1) 1941
- (2) 2141
- (3) 2941
- (4) 7245

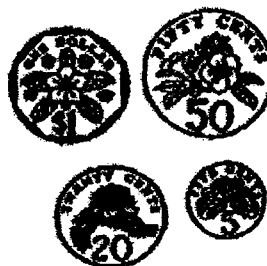
5. Find the product of 536 and 8.

- (1) 4048
- (2) 4248
- (3) 4280
- (4) 4288

6. When 74 is divided by 9, what is the remainder?

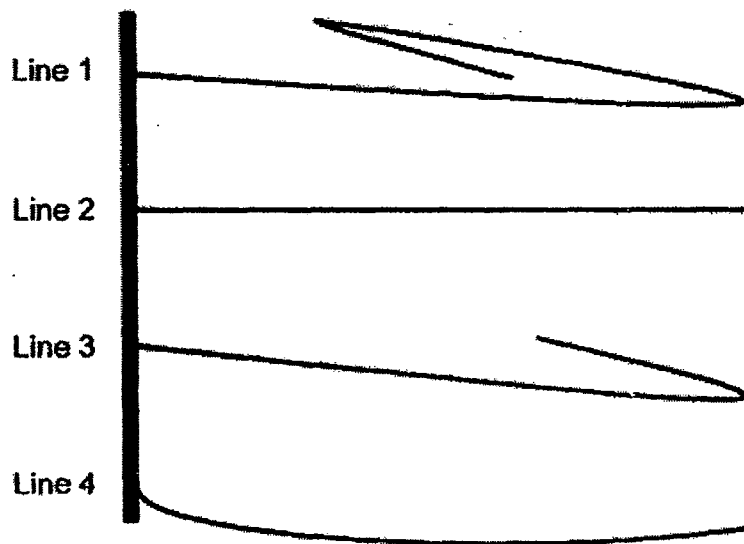
- (1) 8
- (2) 2
- (3) 65
- (4) 83

7. What is the total amount of money shown below?



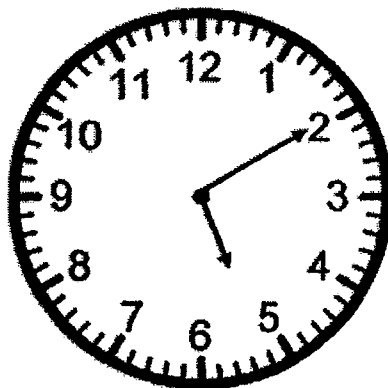
- (1) \$8.75
- (2) \$9.75
- (3) \$17.75
- (4) \$18.75

8. Jenny drew the following lines. Which line is the longest?



- (1) Line 1
- (2) Line 2
- (3) Line 3
- (4) Line 4

9. Susan started her violin lesson at 3.40 p.m. and ended at the time shown below. How long was Susan's violin lesson?



- (1) 1 h 22 min
- (2) 1 h 30 min
- (3) 2 h 30 min
- (4) 2 h 42 min

10. What is the missing number in the following number pattern?

3296, 3316, 3216, 3236, 3136, _____, 3056, 3076

- (1) 3016
- (2) 3036
- (3) 3156
- (4) 3236

11. 3 7 4 5

$$\begin{array}{r} + \quad 4 \quad \boxed{?} \quad 9 \quad 5 \\ \hline 8 \quad 0 \quad 4 \quad 0 \end{array}$$

What is the missing number?

- (1) 6
- (2) 2
- (3) 3
- (4) 7

12. Subtract 21 tens from eight thousand.

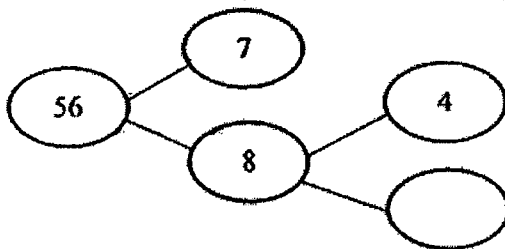
- (1) 7989
- (2) 7890
- (3) 7790
- (4) 7089

13. Find the missing number.

$$\boxed{?} + 30 = \boxed{?} \times 7$$

- (1) 210
- (2) 37
- (3) 23
- (4) 5

14. What is the missing number in the diagram?



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

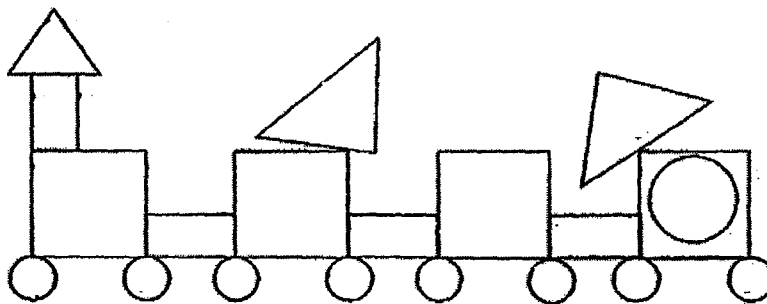
15. Julie paid \$134.80 for a necklace and \$59.65 for a ring.
How much did she spend altogether?

- (1) \$ 75.15
- (2) \$ 85.25
- (3) \$ 125.25
- (4) \$ 194.45

16. How many key chains can Hannah get if she spends \$4?



- (1) 8
(2) 10
(3) 12
(4) 16
17. Study the figure below carefully.
How many more circles than the total number of triangles and squares are used in the figure?



- (1) 7
(2) 2
(3) 3
(4) 9

18. Mary has 64 stickers. Linda has 16 more stickers than Mary. Terry has 8 fewer stickers than Mary. How many more stickers does Linda have than Terry?

- (1) 8
- (2) 24
- (3) 56
- (4) 65

19. Find the missing number in the pattern below?

1, 1, 2, 3, 5, 8, ?, 21, 34

- (1) 9
- (2) 10
- (3) 12
- (4) 13

20. A hairdryer cost \$64.30 in Shop A. Karen had \$43.20 and needed \$8.60 more to buy the same hairdryer from Shop B. What was the difference in price of the hairdryers in the two shops?

- (1) \$12.50
- (2) \$34.60
- (3) \$51.80
- (4) \$55.70

SECTION B (40 marks)

Questions 21 to 40 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. All diagrams are not drawn to scale. Marks will be awarded for relevant working.

21. Write 9012 in words.

Ans: _____

22. In a card game, participants need to pick 2 cards from below to get a total of 9891. Which 2 cards must they pick?

A
4562

B
9182

C
639

D
4629

E
709

Ans: Card _____ and Card _____

23. Find the difference between 949 and 4872.

Ans: _____

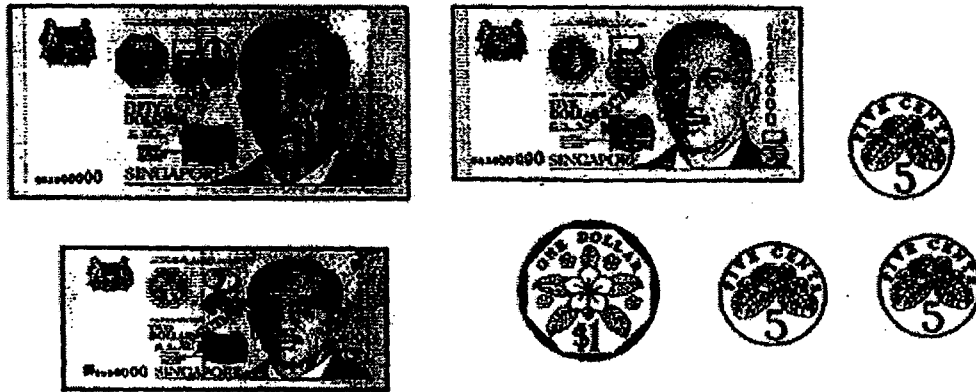
24. Multiply 462 by 7.

Ans: _____

25. Divide 553 by 8. Find its quotient.

Ans: _____

26. Joan had some money as shown below. She spent \$7, on a book.
How much did she have in the end?



Ans: \$ _____

27. Lilian used 206 cm of ribbon to tie a parcel and had 69 cm of ribbon left.
How much ribbon did she have at first?

Ans: _____ cm

28. Find the sum of 2837 and 4519. Which digit is in the hundreds place?

Ans: _____

29. Arrange the following numbers in order, beginning with the smallest.

2508

2805

2850

2085

Ans: _____
(Smallest)

30. $36 + 27 + 45 = \boxed{} \times 9$

What is the missing number in the box?

Ans: _____

31. How many odd numbers are there between 30 and 42?

Ans: _____

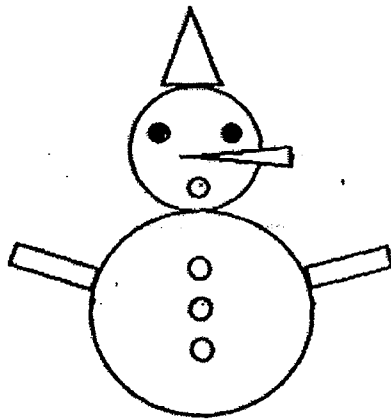
32. May has some 50¢ and 20¢ coins that add up to \$7.10.
The total value of all the 20¢ coins is \$4.60.
How many 50¢ coins does she have?

Ans: _____

33. Terry went for a swim at 9.00 a.m.
He swam for 1 h 30 min. At what time did he finish his swim?

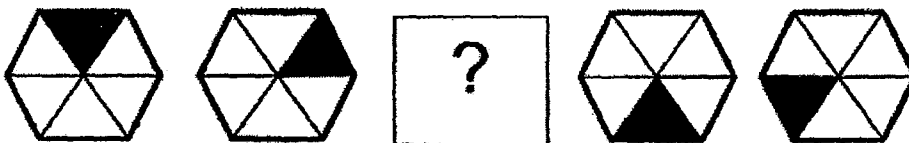
Ans: _____ a.m.

34. Look at the figure below. How many circles are used in the figure?



Ans: _____

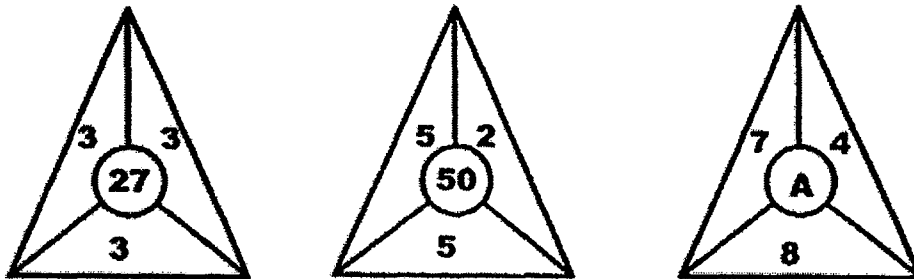
35. Study the pattern given below.



Shade the missing pattern in the figure below.



36. Study the number pattern below. What is the value of A?



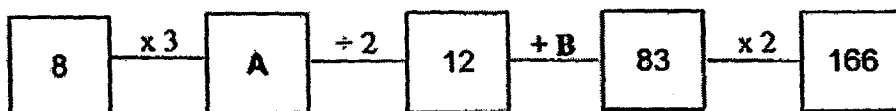
Ans: _____

37. Find the sum of the largest and smallest 4-digit numbers formed by using the 4 cards below.



Ans: _____

38. In the diagram below, numbers A and B represent two different values. Find the value of each number.



Ans: A : _____

B : _____

39. Vinnie paid \$13 for a book. She spent 3 times as much money on food as the book. How much did she spend in all?

Ans: \$ _____

40. Alan is 8 years old and his father is 32 years old. How old will Alan be when his father's age is 3 times his age?

Ans: _____

SECTION C (20 marks)

For Questions 41 to 46, show your working clearly in the space provided below each question and write your answer with suitable units in the spaces provided. All diagrams are not drawn to scale. Marks will be awarded for relevant working. The number of marks available is shown in brackets [] at the end of each question or part-question.

41. Lisa, Tina and Jill shared 3000 stickers. Lisa received 780 stickers and Tina received 416 more stickers than Lisa.
- a) How many stickers did Tina receive?
 - b) How many stickers did Jill receive?

Ans: (a) _____ [1]

(b) _____ [2]

42. There were 12 boys in a class. Each boy raised \$6 while each girl raised \$7 for a donation drive. They collected \$170 altogether. How many girls were there in the class?

Ans: _____ [3]

43. Amy and Chris folded some origami stars. Amy folded 2485 origami stars.
Chris folded 782 fewer origami stars than Amy.
How many origami stars did they fold altogether?

Ans: _____ [3]

44. Karen is given \$3 pocket money every day. She spends \$2.40 every day from Monday to Friday and saves the rest. She also saves all her pocket money from Saturday to Sunday.

- a) How much money does she save from Monday to Friday?**
- b) How much money does she save in a week?**

Ans: a) _____ [1]

b) _____ [2]

45. $\oplus + \heartsuit + \heartsuit = 90$

$$\oplus + \bowtie = 46$$

$$\oplus + \heartsuit = 54$$

Find the value of \bowtie

Ans: _____ [4]

46. Helen had 3 packets of peaches. There were 12 peaches in each packet. She repacked all the peaches into packets of 4. She sold all the peaches and collected a total of \$117.

How much did each packet of 4 peaches cost?

Ans: _____ [4]

-End of Paper-
Please check your work carefully ☺

EXAM PAPER 2017(p3)

SCHOOL : RAFFLES GIRLS

SUBJECT : MATHEMATICS

TERM : SA1

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	1	4	1	4	2	4	1	2	3
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
2	3	4	2	4	3	2	2	4	1

21) Nine thousand and twelve

22) Card B and Card E

23) 3923

24) 3234

25) 69

26) \$51.15

27) 275

28) 7356

29) 2085 , 2508 , 2805 , 2850

30) 12

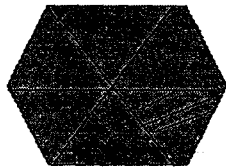
31) 6

32) 5

33) 10.30am

34) 8

35)



36) 224

37) 8888

38) A: 24

B: 71

39) \$52

40) 12

41) $780 + 416 = 1196$

$$3000 - 1196 = 1804$$

$$1804 - 780 = 1024$$

a) Tina received 1196 stickers.

b) Jill received 1024 stickers.

42) $12 \times \$6 = \72

$$\$170 - \$72 = \$98$$

$$\$98 \div \$7 = 14$$

There were 14 girls in the class

43) $2485 - 782 = 1703$


$1703 + 2485 = 4188$

They fold 4188 origami stars altogether.


44) a) \$3

b) \$9

45) $90 - 54 = 36$

1  = 36

$54 - 36 = 18$

 = 18

$46 - 18 = 28$

 = 28

The value of  is 28

46) $12 \times 3 = 36$

$36 \div 4 = 9$

$\$117 \div 9 = \13

Four peach cost \$13

