SASMO 2015 PRIMARY 2 [10 MCQ + 10 NON-MCQ = 20 Q]

Starting Score = 10 marks (to avoid negative marks); Max Possible Score = 70 marks

Section A (Correct answer = 2 marks; no answer = 0; incorrect answer = minus 1 mark)

1. How many months of the year have 28 days?

a) 1
b) 2
c) 5
d) 6
e) 12

2. For the number sentence below, what is the answer?

15 + 15 + 15 + 15 + 15 + 15 + 15 + 15 + 15 + 15 + 15 + 15 + 15 + 15 + 15 =

   a) 210
   b) 215
   c) 220
   d) 225
   e) None of the above

3. The sum of two numbers is 300. One number is 5 times of the other number. What is the difference between the two numbers?

a) 50
b) 60
c) 180
d) 200
e) None of the above

4. Susan prepared a plate of cookies for her friends Ashley, Sam, Max and Olivia. Susan tried the first cookie before serving them to her friends. Ashley took 2 cookies and gave 1 to Sam. Max then took 3 cookies, and gave 1 to Olivia and 1 to Susan. If they each ate the cookies they ended up with, who ate the most cookies?

a) Susan

b) Ashley

c) Sam

d) Max

e) Olivia

5. Today, Wednesday, 8th of April 2015, is the day of the SASMO competition and your friend says that the Singapore Math Kangaroo Contest was 14 days ago. On which day was the Singapore Math Kangaroo Contest?

a) 23rd of March, Monday
b) 24th of March, Tuesday
c) 25th of March, Wednesday
d) 26th of March, Thursday
e) 27th of March, Friday

6. Fill in the blank with the correct number.

    1, 1, 2, 3, 5, 8, __

a) 11

b) 12

c) 13

d) 14

e) None of the above.

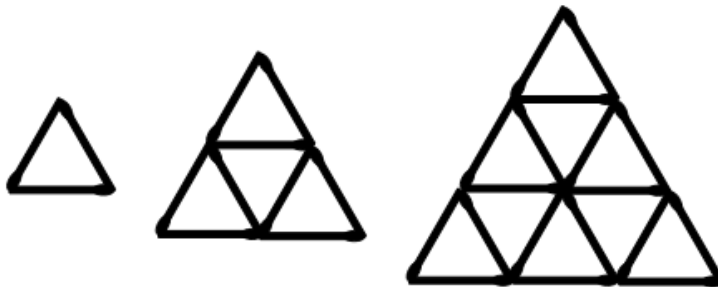7. Study the figures made with matchsticks below. How many matchsticks are needed to make Figure 5?

Figure 1   Figure 2   Figure 3

    a) 30
    b) 33
    c) 39
    d) 45
    e) 51

8. In the number sentence below, what number is the □ ?
□ × 5 + 4 - □ = 32

a) 5

b) 6

c) 7

d) 8

e) 9

9. Georgia had a sum of money. She gave half of it away to her sister. Then she used half of the remainder to buy a book. Next she gave half of what was left to her brother. Finally, she found that she had $7 dollars remaining. How much money did she have at first?

a) $28
b) $54
c) $56
d) $58
e) None of the above

10. John is 5 years old this year. His sister is 2 years older. What is the sum of their age after 3 years?
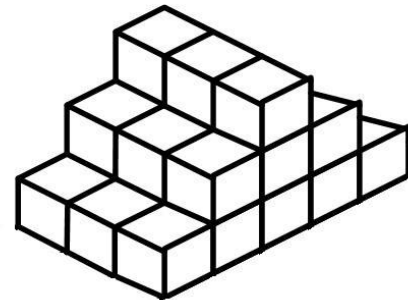
a) 18

b) 16

c) 14

d) 12

e) 10

Section B (Correct answer = 4 marks; incorrect or no answer = 0)

11. Andre and Beth both had a total of 24 sweets. After their teacher gave them 4 sweets each, Andre now has 6 sweets more than Beth. How many sweets does Beth have now?

12. Sophia is counting by twos. She starts at 2 and crosses it out. Each time she counts to a new multiple of 2, she crosses it out on her hundred chart. How many multiples of twos would she have crossed out in her chart when she finishes counting by twos to 100?

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

13. A fruit seller makes a solid pyramid out of identical fruit boxes. The top three layers are shown. What is total number of fruit boxes in these top three layers?

14. What is the sum of all the numbers from 1 to 30?

15. Yohan had 10 white socks, 10 red socks and 10 black socks in his drawer. How many socks at most, must Yohan take from his drawer, without looking, till he gets a pair of white socks?

16. 🍎 🍎 = 10

🍎 + 🍎 - 🍒 = 13

What is the 🍒 equal to?

17. There were 10 pieces of paper. Some of them were cut into three parts. Altogether, there are now 16 pieces of paper. How many pieces were cut into three parts?

18. A man takes 2 minutes to cut a metal rod up into two pieces. How many minutes will he take to cut a metal rod of the same length into 5 pieces?

19. Zoey had a 50-cent coin, a 20-cent coin, a 10-cent coin, and a 5-cent coin. After she lost one coin, she found that she had twice as much as her brother. What coin did she lose?

20. How many squares are there in the figure below?