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Devi Balika Vidyalaya - Colombo 8

පළමු වර පරීක්ෂණය - 2012
First Term Test - 2012
Mathematics - Part I

Grade 6

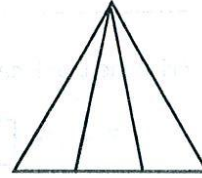
1 $\frac{1}{2}$ hours

Name :

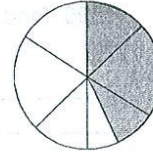
Index No.

* Answer all the questions on this paper itself.

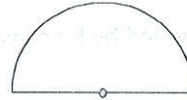
- 01) Find the total number of triangles can be seen in the figure given below.



- 02) Express the shaded part of the following figure as a fraction.



- 03) Write a suitable name for the figure given below



- 04) Write the smallest number that can be written only once using all the digits 3, 2, 6 and 8.

- 05) Underline the negative integers out of the following numbers.

-2, 0, -2.5, 3, -7

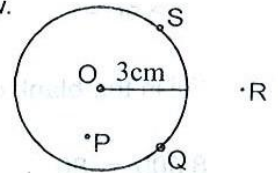
- 06) Write 5479 in expanded form

- 07) Simplify $1479 + 596 - 1203$

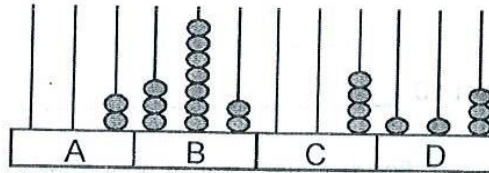
Part II

* Answer all the questions on this paper itself

01) **Answer the questions** according to the figure given below.



- i) Name the centre _____ (2 marks)
 - ii) Write the length of the radius _____ (2 marks)
 - iii) Find the length of the diameter _____ (4 marks)
 - iv) Name two points which are on the circle. _____ (2 marks)
 - v) Name two points which are in the circle. _____ (2 marks)
- 02) i) The balance of a bank account of Gayani's father is represented in the following abacus.



- i) **Name the zones** represented by A, B, C and D (4 marks)

A _____

B _____

C _____

D _____
- ii) **Write the amount of money** denoted by the abacus (2 marks)

15) Write 2nd of May year 2011 in the standard form _____

16) Fill in the blanks using the symbols

< , > or =

i)

- 5 _____ 5

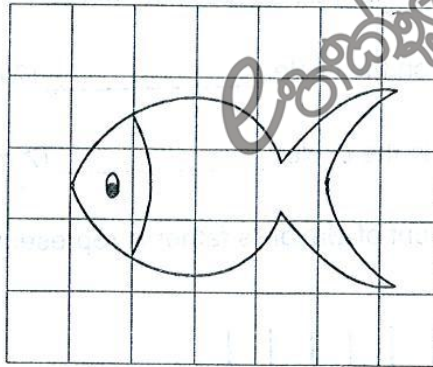
ii)

0 _____ 7

17) Fill in the blank cage

8 000 = 80

18) Estimate the number of squares covering the picture given below. _____



19) Round off 55 to the nearest 10. _____

20) Suggest a practical method to find the diameter of a circular pond.

(2 x 20 marks)

- 08) Separate 3754760071 into zones.

- 09) Write the numbers given below in descending order.

567 194 , 571 942 , 3 469 782 , 5 027 143 200

- 10) Write 4 972 549 in words

- 11) Fill in the blank cages.

$$7 + (10 \square 2) = 7 + \square = 19$$

- 12) There are 4021 students in a certain mixed school. The number of girls in there is 1896. Find the number of boys in the school!

- 13) Divide 948 by 5 and write the remainder and the quotient

- 14) Find the duration of the following time interval.

8.31 a.m. to 1.45 p.m.

04) i) **Write the place value** of the digits given in the table.

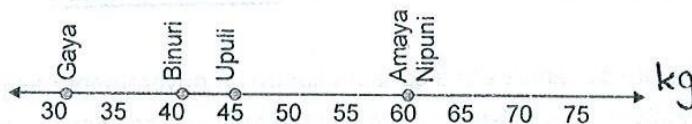
Number	Digit	Place Value
4561	5	_____
34501	4	_____
97862	9	_____
561	1	_____

(4 marks)

ii) **Represent the following ages of the four students in a number line** indicating the letters denoted. (3 marks)

- P - Age of Gayani is 8 years.
 Q - Age of Gimhani is 10 years.
 R - Age of Sayuri is 12 years.
 S - Age of Nureka is 15 years.

iii) Following number line represents the weights of five students in a certain school in kilograms. **Answer the questions** given below according to the number line.



- a) Who has the lowest weight _____ (1 mark)
- b) **Give two ideas** about the weights of Amaya and Nipuni. (2 marks)
- _____
- _____
- c) **Compare the weights** of Gaya and Binuri. (2 marks)
- _____

iii) If Gayani's father deposited another Rs. 1580 800 in to his account later,

a) Find the new balance of his account. (2 marks)

b) Represent the above balance mentioned in part (a) in an abacus. (4 marks)

03) i) Find the values of A and B separately. (2 marks)

$$\begin{array}{r} A A 7 \\ + 9 6 A \\ \hline 1 8 B 5 \end{array}$$

A
B

ii) Fill in the blank cages. (4 marks)

$$\begin{array}{r} 6 \\ 8 \\ \times \\ \hline 9 6 \\ 1 8 6 \\ \hline 3 5 6 \end{array}$$

iii) There are 52 families in a certain village. The government has decided to give Rs. 2000 for each family of low income monthly. If the government has spent Rs. 40000 in one month, find the number of families which are not considered as families of low income.

(4 marks)

iv) When 9 numbers are rounded off to the nearest 10, the answer is 40. Write the 9 numbers. (2 marks)

05) i) Fill in the blanks in the table given below. (5 marks)

Ordinary Time	Time according to 24 hour clock.
1.30 a.m.	_____
12 noon	_____
_____	2332 h
_____	1154 h
12 mid night	_____

ii) Fill in the blanks.

a) 1 hour 20 minutes = _____ minutes

b) 12 minutes 18 seconds = _____ seconds

c) _____ hours _____ minutes _____ seconds = 4326 seconds.

(5 marks)

06) A train started to travel from Colombo at 093030 h and reached Galle after 3 hours 02 minutes and 35 seconds. **What time** did the train reach Galle ?

(2 marks)