પુ.ના International School
Shree Swaminarayan Gurukul, Zundal

Name:	**Grade :6th ROLL NO-**
Date :	**Subject: Maths (SA 1) 21-22**
T.Sign :	**Marks: 60**

PART - A

(i) Multiple Choice Questions: [1 MARKS QUESTION] **[1 X 6 = 6]**

1. What is the predecessor of 3452?

a. 3455 b. 3451 c. 3453 ` d. 3452

2. What is the Sixth multiple of 13?

a. 78 b. 65 c. 52 d. 91

3. Which of them is a prime number?

a. 13 b. 14 c. 28 d. 25

4. Which of the following has two end points?

a. Ray b. Line c. Line segment d. None

5. Every integer less than 0 has the sign

a. + b. X c. - d. ÷

6. The predecessor of the integer-1 is

a 0 b 1 c -2 d None

(ii) Fill the blank: [1 MARKS QUESTION] **[1 X 4 = 4]**

1. If the product of two whole numbers is zero, then _____ of them will be zero.
2. Every natural number except _____ has a predecessor.
3. The smallest composite number is _____.
4. All the radius of a circle are _____

(iii) Tell whether the statement is true or false: [1 MARKS QUESTION] **[$\frac{1}{2}$ X 6 = 3]**

1. Successor of a one digit number is always a one digit number.

2. All natural numbers are whole numbers.

3. 1 is the smallest prime number.

4. Every negative integers is smaller than positive integers

5. A circle has only one centre.

6. A line has end point.

(iv) Solve: Each carry one mark: [1 MARKS QUESTION] **[1 X 6 = 6]**

1. What are the first three multiples of 5?

2. Which is the smallest even prime number?

3. Which whole number has no predecessor?

4. Draw two curves that are opened

5. Draw two curves that are closed.

6. Write opposites of the: Increase in weight

PART - B

Solve: Each carry two marks (Any Five) **[2 X 5 = 10]**

1. A book exhibition was held for four days in a school. The number of tickets sold at the counter on the first, second, third and final day was respectively 1094, 1812, 2050 and 2751. Find the total number of tickets sold on all the four days.

2.

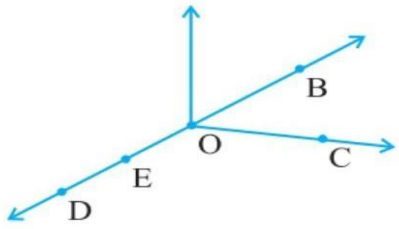
Use the figure to name :

(a) Five points

(b) A line

(c) Four rays

(d) Five line segments



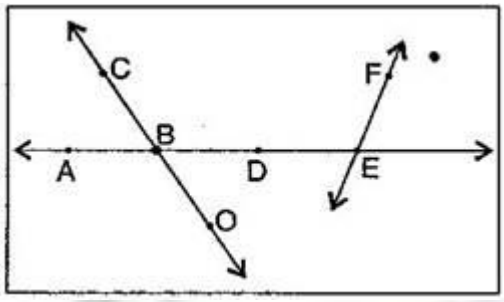
3. Use number line and add the following integers: (a) 9 + (-6) (b) 5 + (-11)

4. The numbers 13 and 31 are prime numbers. Both these numbers have same digits 1 and 3. Find such pairs of prime numbers up to 100.

5. Write down separately the prime and composite numbers less than 20.

6. Use the figure to name: (a) Line congaing point E. (b) Line passing through A

(c) Line on which o lies. (d) Pair of intersecting lines.



QUESTION 3

Solve: Each carry three marks (Any Five) **[3 X 5 = 15]**

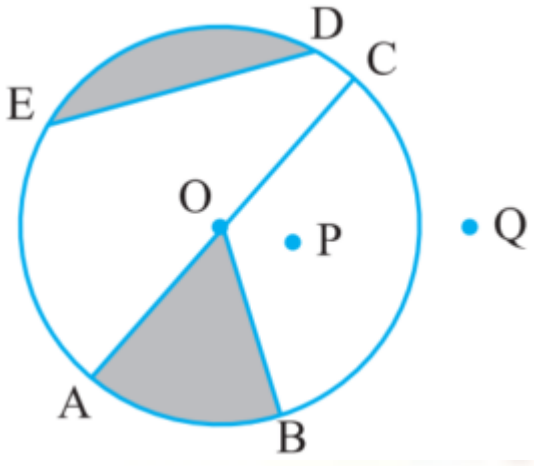
1. In one state, the number of bicycles sold in the year 2002-2003 was 7, 43,000. In the year 2003-2004, the number of bicycles sold was 8, 00,100. In which year were more bicycles sold? And how many more ?

2. Find the sum by suitable rearrangement:

(a) 837 + 208 + 363 (b) 1962 + 453 + 1538 + 647

3. Write all the numbers less than 100 which are common multiples of 3 and 4.

4. From the fig. identify: (a) its centre (b) a radius (c) a diameter (d) an arc (e) a sector



5. Find the value of the following: (a) 297 x 17 + 297 x 3

6. Which of the following numbers is co-prime?

(a) 18 and 35 (b) 15 and 37

Solve: Each carry four marks (Any Four) **[4 X 4 = 16]**

1. Find the HCF of the following numbers:
   (a) 18 and 48 (b) 30 and 42

2. Represent the following number as integers with appropriate signs.

   (a) An aeroplane is flying at a height two thousand metre above the ground.

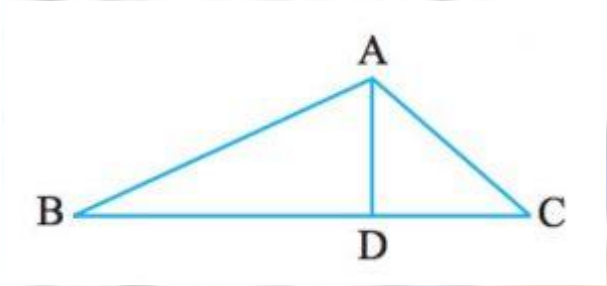
   (b) A submarine is moving at a depth, eight hundred metre below the sea level.

   (c) A deposited of rupees two hundred.

   (d) Withdrawal of rupees seven hundred

3. (a) Identify three triangles in the figure. (b) Write the names of seven angles.

   (c) Write the names of six line segments. (d) Which two triangles have $\angle B$ as common?



4. To stitch a shirt, 2 m 15 cm cloth is needed. Out of 40 m cloth, how many shirts can be stitched and how much cloth will remain?

5. A student multiplied 7236 by 65 instead of multiplying by 56. By how much was his answer greater than the correct answer?

==========XXXXXXXXXXX==========