પુષ્પા International School
Shree Swaminarayan Gurukul, Zundal

HALF YEARLY EXAMINATION (2020 - 21)					
Student's Name:		**Grade**	**VI**	**Roll No.**	
Date:	**11/09/2020 (Friday)**	**Time**	**3 hrs.**	**Subject**	**MATHS**
Teacher's Sign.				**Total marks**	**80**

QUESTION 1

(i) Multiple Choice Questions: [1 MARKS QUESTION] **[1 X 10 = 10]**

1. Which is smallest?
   a. 4567 b. 1456 c. 4345 d. 1234

2. What is the sum of 567 and 843?
   a. 567 b. 843 **c.** 1410 d. 1500

3. What is the predecessor of 3452?
   a. 3455 b. 3451 c. 3453 d. 3452

4. What is the successor of 978?
   a. 977 b. 979 c. 980 d. 981

5. What is the Sixth multiple of 13?
   a. 78 b. 65 c. 52 d. 91

6. Which of them is a prime number?
   a. 13 b. 14 c. 28 d. 25

. 7. Which of the following has two end points?
   a. Ray b. Line c. Line segment d. None

8. The least number of line segment required to make a polygon is
   a. 1 b. 2 c. 3 d. 5

9. Every integer less than 0 has the sign
   a. + b. X c. - d. ÷

10. The predecessor of the integer-1 is
   (a) 0 (b) 1 (c) -2 (d) None

(ii) Fill the blank: **[1 MARKS QUESTION]** **[1 X 10 = 10]**

1. 1 crore = …… million.

2. 1 million = …… lakh.

3. If the product of two whole numbers is zero, then _____ of them will be zero.

4. Every natural number except _____ has a predecessor.

5. The smallest prime number is _____.

6. The smallest composite number is _____.

7. All the radius of a circle are _____

8. Diameter of a circle is _____ chord

9. The additive inverse of -1 is _____

10. On the number line -15 is to the _____ of zero

(iii) Tell whether the statement is true or false: **[1 MARKS QUESTION]** **[1 X 10 = 10]**

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

2. 400 is the predecessor of 399.

3. Zero is the smallest whole number.

4. All natural numbers are whole numbers.

5. The whole number 1 has no predecessor.

6. 1 is the smallest prime number.

7. Every negative integers is smaller than positive integers

8. The successor of the integer 19 is 18

9. A circle has only one centre.

10. A line has end point.

(iv) Solve: Each carry one mark: [1 MARKS QUESTION] **[1 X 10 = 10]**

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. Write the predecessor of 199.

5. Draw two curves that are opened

6. .Draw two curves that are closed.

7. Write opposites of the: Increase in weight

8. Write opposites of the: 30km north

9. Which is the smallest odd prime number?

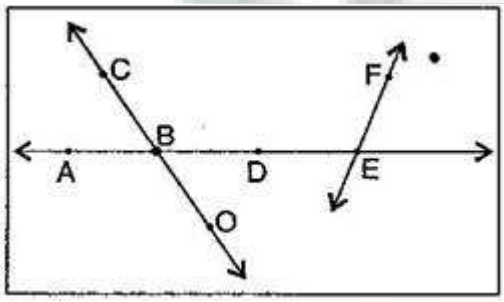
10. Write the successor of 99.

QUESTION 2

Solve: Each carry two marks (Any eight) **[2 X 8 = 16]**

1. 1 Write the three natural number before 1000.
2. 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.
3. 3. Estimate using general rule: (i) 730 + 998 **OR** (i) 796 – 314
4. 4. What is the sum of any two (i) Odd numbers? (ii) Even numbers?
5. Express 44 as the sum of two odd primes.
6. 7. Use number line and add the following integers: (a) 9 + (-6) (b) 5 + (-11)
7. 8. Using the number line write the integer which is: (a) 3 more than 5 (b) 5 more than -5
8. 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.
9. Write down separately the prime and composite numbers less than 20.
10. 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.

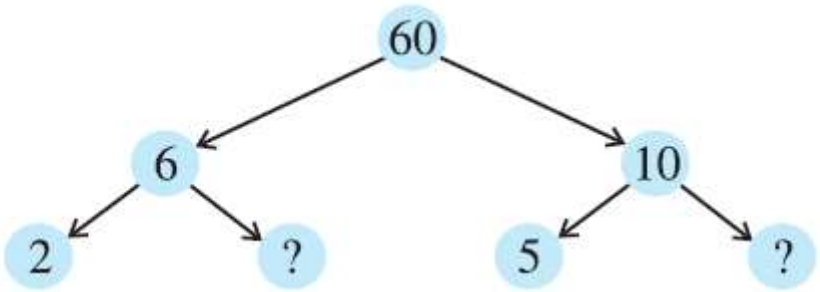


QUESTION 3

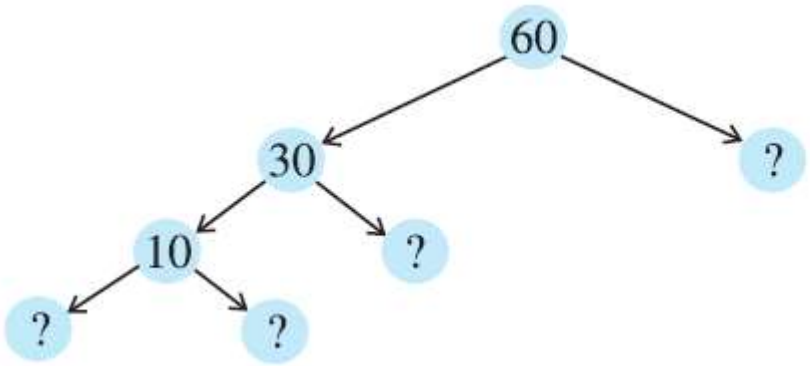
Solve: Each carry three marks (Any four) **[3 X 4 = 12]**

1. Here are two different factor trees for 60. Write the missing numbers.

(a)



(b)



2. 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?

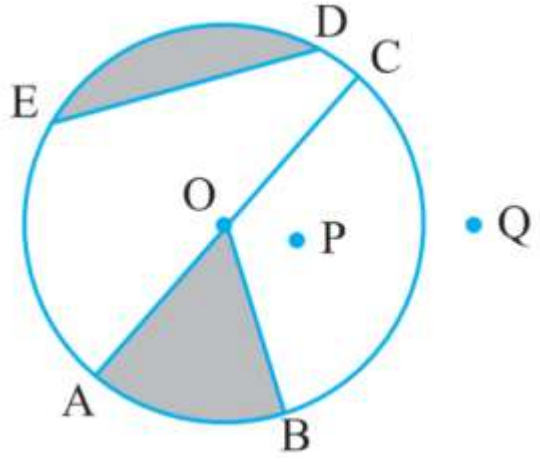
3. Find the sum by suitable rearrangement:

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

4. Find first three common multiples of: (a) 6 and 8

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

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



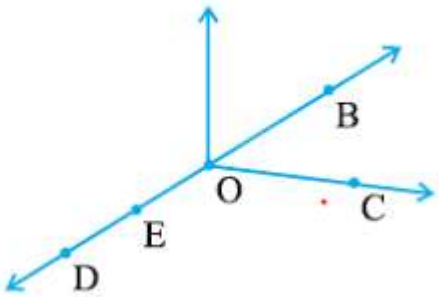
7. Find the value of the following: (a) 297 x 17 + 297 x 3

QUESTION 4

Solve: Each carry four marks (Any three) **[4 X 3 = 12]**

1. Use the figure to name:

(a) Five points (b) A line (c) Four rays (d) Five line segments



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

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

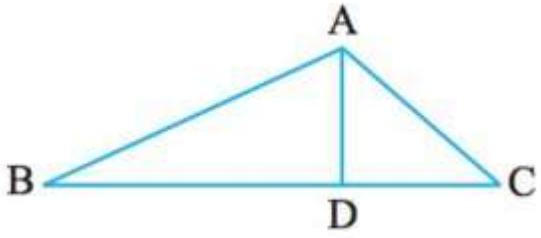
(b) A submarine is moving at a depth, eight hundred metre below the sea level.

(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?