



Al Sharq Bright International School

Model Paper for Mid Term Exam 2017-2018

Name: _____ Subject: Mathematics Class: 6___ Date: _____

Part – 1

A. Fill in the blanks:

- 1) If _____ is added to a number, the sum will remain same.
- 2) The sum of two even numbers is always _____.
- 3) _____ is a factor of every number.
- 4) If $6 \times \underline{\quad} = 6$
- 5) Every number is a multiple of _____.
- 6) The product of two odd numbers is always _____.

B. Mark whether true or false:

- 1) $100 \div 5 = 5 \div 100$ _____
- 2) $9 \times 8 = 8 \times 9 =$ _____
- 3) $36 + 64 = 69 + 36$ _____
- 4) Every number is a factor of 5. _____
- 5) Prime numbers have only two factors 1 and itself. _____
- 6) Twin prime numbers have only one number between them. _____

C. Choose the correct answer:

- 1) $24 \times 0 =$ _____
a) 0 b) 24 c) 1

- 2) $273 + 427 = 427 + 273$. Which property of addition this example belongs?
a) commutative property b) associative property c) additive identity
- 3) Which of the following number is divided by 3?
a) 231 b) 61 c) 343
- 4) $(-23) + (-23)$
a) + 46 b) 0 c) - 46
- 5) Which of the following number is Coprime?
a) 12 and 32 b) 18 and 25 c) 85 and 35

Part – 2

D. Solve the following using distributive property:

1) 15×104

2) 18×95

E. Write all the prime numbers exist between:

1) 20 and 40

2) 80 and 100

F. Find the HCF of the following by prime factorisation method:

1) 30, 96

2) 128, 32

G. Find LCM of the following numbers by common division method:

1) 72, 108, 44

2) 84, 144, 96

H. Arrange the following in ascending order:

1) $-6, 0, -7, 3, -10, 4$

2) $3, 6, -3, 0, -8, 1$

I. Write all the integers between:

1) -3 and $+3$

2) 4 and 8

Part – 3

J. Put > or < in each blank given below:

1) $8 \text{ ______ } - 3$

2) $-17 \text{ ______ } - 6$

3) $-6 \text{ ______ } + 2$

K. Simplify the following:

1) $(-13) - (-7)$

2) $(-5) - (-5)$

3) $(-6) - (+3)$

L. Find LCM of the following by prime factorisation method:

1) 105, 175, 140

