RAMAGYA SCHOOL, NOIDA

III/MATHS/2017-18

OLYMPIAD PRACTICE WORKSHEET

Concept Based –

1. **5 is one of the factors of _____.**

(a) 36 (b) 30 (c) 42 (d) 21

2. Find the missing digit in the quotient.
64 ÷ 2 = 3_

(a)2 (b)6 (c)3 (d) 7

3. Which symbol will make the number sentence true?

(a)+ (b)- (c)X (d) ÷

4. At a certain restaurant, each table seats 2 people. How many tables will a group of 20 people need?

(a)10 (b)5 (c)20 (d) 30

5.The least number among the following is –

(a) 68 ÷ 4 (b) 68 X 4 (c) 68+ 4 (d) 68 - 4

6. This number is divisible by which of the following?
852

(a)2 (b)2,4 (c)2,4,3 (d) None of these

Application Based

7.Leena and her mother made a quilt. They used 56 squares and made 8 rows. How many squares are in each row?

(a) 6 (b) 7 (c)8 (d) 9

8. After buying 3 pencils at ₹12each, Soham has ₹ 7 left. How much amount did he have at first?

(a) ₹42 (b) ₹45 (c) ₹43 (d) ₹46

9. The least number among the following is :

(a)68 ÷ 2 (b)68 X 4 (c)68 + 4 (d) 68 - 4

10. 36 ÷ 2 = 18

36 ÷ 3 = 12

36 ÷ ? = 36

Missing number is :

(a) 4 (b) 3 (c) 1 (d) 5

11. Which division sentence is not true?

(a) 48 ÷ 8 = 7 (b) 18 ÷ 2 = 9 (c) 36 ÷ 3 = 12 (d)49 ÷ 7 = 7

12. If the pattern continues, then what is the next number?

80 , 40 , 20 ?

(a)10 (b)15 (c)30 (d) 5

13. Which of these is correct?

(a) 34 ÷ 2 = 18 (b) 42 ÷ 7 = 7 (c) 64 ÷ 8 = 9 (d)56 ÷ 8 = 7

Value Based

14. If largest 3 – digit number is divided by smallest 2 – digit number, then:

(a)Q=99,R=9 (b)Q=10,R=99 (c)Q=10,R=9 (d)Q=9,R=10

15. If 5tens are subtracted from 300 and divided by 25, then quotient is:

(a)5 (b)10 (c)25 (d) 6

16. What is the reminder when 49 is divided by 7?

(a)7 (b)9 (c)0 (d) 343

17. A set of 6 CD's costs ₹54. What is the unit price?

(a) ₹7 (b) ₹8 (c) ₹9 (d) ₹48

18. Madhu earns ₹90 in 3 days by working for a preschool. How much will she earn in 5 days?

(a) ₹30 (b) ₹45 (c) ₹150 (d) ₹105

19. Forty – five boys were divided equally into teams. If each team had 9 boys, how many teams were formed?

(a) 9 (b) 4 (c) 6 (d) 5

20. 245 candles are to be arranged equally in 15 rows. How many candles will be left?

(a) 95 (b) 16 (c) 15 (d) 5