**Class I Maths – 24th July 2019; Wednesday:**

**1. What is the shape of a full pizza and half-a-pizza? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**2. How many legs will 5 elephants have? \_\_\_\_\_\_\_\_\_**

 ****

**3. Find out how many horizontal and how many vertical lines in these alphabets?**

 **i.**  **\_\_\_\_\_\_\_\_ ii.**  **\_\_\_\_\_\_\_\_\_\_\_**

**4. How many Zeroes are there in the figure 1000? \_\_\_\_\_\_\_.**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Class II Maths – 24th July 2019; Wednesday:**

**1. Count how many diagonal / slanting lines in this figure?**

i. \_\_\_\_\_\_\_\_\_ ii. \_\_\_\_\_\_\_\_

**2. Four legs how many toes in all?** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**3. Count how many circles in all?**

  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**4. If there are three lines in a row;**

 **the first line is 2 centimetres in length; the second is 8 centimetres and**

 **the third is 5 centimetres. What is the total length of the three lines?**

 **\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Class III Maths – 24th July 2019; Wednesday:**

**1. Find the sum of the following: i. 62 and 93? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **and ii. 96 and 7 ? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**2. What is the difference between i. 18 and 9? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **and ii. 100 and 78? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Class IV Maths – 24th July 2019; Wednesday:**

**7. The denominator of a fraction is thrice that of the numerator. The sum of the numerator and the denominator is 16. Find the fraction.**

**a. 7 /12 [ ] b. 4 /12 [ ] c. 3/9 [ ] d. 5 /11 [ ]**

**8. i.How many millilitres of orange juice will there be in a 2 -litre bottle? \_\_\_\_\_\_\_\_.**

**ii. How many sides does a hexagon have? \_\_\_\_\_\_\_\_\_\_\_\_\_.**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Class V Maths – 24th July 2019; Wednesday:**

**1. Which among the following is not a common factor of 18 and 27?**

 **a**. 1 [ ] **b**. 3 [ ] **c**. 6 [ ] **d**. 9 [ ]

**2. Look at this word: C O N S T A N T I N O P L E :**

 **Which among the following statements is INCORRECT?**

**a.** The 2nd, 6th, 9th, 11th & 14th letters are Consonants ( )

**b**. The word has 14 letters ( )

**c.** The 7th and the 8th letters from the left are N & T. **( )**

**d.** The vowel U is missing. **( )**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Class VI Maths – 24th July 2019; Wednesday:**

**1. Look at this figure. What’s the area of the shaded region if each square is 4cm x 4 cm?**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | **4cm** |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

 **a.** 300 cm2[ ] **b.** 212 cm2 **[ ] c.**200 cm2 **[ ] d.** 288cm2 **[ ]**

**2. Here are a few Roman numerals: I, C, L, M, D**

 **Which of the following number can be written using all the above given Roman numerals?**

 **a**.1775 [ ] **b**. 864 [ ] **c**. 1947 [ ] **d**. 1753 [ ]

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Class VII Maths – 24th July 2019; Wednesday:**

**1. Numbers that come one after the other are called CONSECUTIVE NUMBERS. For example; 2, 3, 4 or 113, 114, 115 are consecutive numbers. Four consecutive numbers starting from 33 are multiplied. Which of these digits will be in the One’s / Unit’s place in the resulting product?**

**a.** 0 [ ] **b**. 2 [ ] **c**. 5 [ ] **d**. 6 [ ]

**2. Which of these lies between 6.3 and 6.6?**

**a.** 6.26 [ ] **b**. 6.99 [ ] **c**. 6.05 [ ] **d**. 6.41 [ ]

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Class VIII Maths – 24th July 2019; Wednesday:**

**1. *x* and *y* are integers. *x* is greater than 40 and *y* is less than 40 . Which of the following statements is true about *x-y*?**

**a**. it is equal to 80 [ ] **b**. it is equal to zero [ ] **c**. it is greater than 80 [ ] **d**. it is between 0 and 40 [ ]

**2. Anuj is 3 years younger to Aniket. Anuj is 1 year younger to Parth. If Parth is 12 years old, how old is Aniket? a.** 16 years [ ] **b**. 14 years [ ] **c**. 10 years [ ] **d**. 8 years [ ]

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Class IX Maths – 24th July 2019; Wednesday:**

**1. One morning after sunrise, Suresh was standing facing a pole. The shadow of the pole fell exactly to his right. To which direction was he facing?**

a. East [ ] b West [ ] c. South [ ] d. North [ ]

.

**2. A man walks 5 km toward south and then turns to the right. After walking 3 km he turns to the left and walks 4 km. And then he goes back 10 km straight. Now in which direction is he from the starting place ?**

a. South East [ ] b North West [ ] c. South [ ] d. West [ ]

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Class X Maths – 24th July 2019; Wednesday:**

**1. If Which among the following are incorrect?**

 **a.** Volume of a cylinder = π r 2 h [ ] **b.** Volume of a Cone = 1 /3  π r 2 h [ ]

 **c.** Volume of a sphere = 4 π r 2 h [ **] d.** Volume of a cuboid = l x b h [ ]

**2. if there are 8,88,888 sewing machines are equally distributed to 888 rural centres of a district. How many sewing machines will each rural centre get?**

**a.** 1111 [ ] **b.** 1001 [ ] **c.** 1000 [ **] d.** 1077 [ ]

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Class XI Maths – 24th July 2019; Wednesday:**

**1. Complete the following algebraic expressions**

i. (x + y )2 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ii. (x + y ) (x -y ) = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**2. Which among the following is known as Hardy-Ramanujan number?**

i. 1729 [ ] ii. 9271 [ ] iii. 1279 [ ] iv. 7291 [ ]

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

**Class XII Maths – 24th July 2019; Wednesday:**

**1. What is the average run rate made by a player if he hits 6 sixes and 8 fours in 24 balls**

**i. 1.5625 [ ] ii. 2.8333 [ ] iii. 3. 25 [ ] iv. 3.9 [ ]**

**2. If there are 888888 bicycles distributed in 888 rural schools of a district, how many bicycles will each school get?**

 **i. 1111 [ ] ii. 1001 [ ] iii. 3. 1077 [ ] iv. 1000 [ ]**

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*