|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |

**Roll No. :**

**DAV PUBLIC SCHOOLS, ODISHA ZONE –I**

**TERM- 1 / HALF YEARLY EXAMINATION, 2018-19**

* This question paper contains 4 number of pages and 38 number of questions.
* Write down the Serial Number of the question in the left side of the margin before attempting it.
* 15 minutes cooling time has been allotted to read this question paper only and do not write any answer on the answer book during this period.
* Answer must be written with a legible handwriting.

**CLASS – V**

**SUB: MATHEMATICS**

Time: 3 Hours Maximum Marks: 80

**General Instructions:**

* *The question paper consists of four sections-***A,B,C and D,** *section-***A** *consists of* **15** *questions of* **1** *mark each; Section-***B** *consists of* **10** *questions of* **2** *marks each; Section-***C** *consists of* **7** *questions of* **3** *marks each and Section-***D** *consists of* **6** *questions of* **4** *marks each .*
* *All questions are compulsory.*
* *There is no overall choice.* .
* *Use of calculator is not permissible*

**[SECTION – A]**

Tick ( ) the right choice. [115]

1. Foot : Shoe :: Hand : ?
2. Shirt (b) Vest (c) Glove (d) Belt

1. A : D B : E P : S E : ?
2. F (b) J (c) H (d) K
3. 123 : 321 762 : 267 439 : 934 672 : ?
4. 275 (b) 277 (c) 276 (d) 267
5. A B A B B A B B A A B A B B B A A A B

How many times is B followed by A?

1. 2 (b) 6 (c) 4 (d) 5
2. A group of photograph shows 15 men standing in a row. Mr. Arora is at the centre. What is his position from left ?
3. Write the numerals using commas between periods.

Five crore thirty lakh sixteen thousand nineteen.

1. 9999 99 = \_\_\_\_\_\_\_\_\_.
2. Write the least multiple of 75.
3. Find the prime factorisation of 36.
4. Reduce in its lowest term.
5. Find the product of .
6. Write the smallest decimal number formed by using the digits 1, 0, 8.
7. Arrange in columns and add: 8.496 + 2.564
8. Name the instrument used for measuring temperature.
9. A closed figure is made of three line segments.What is the figure called?

**[SECTION – B]** [210]

1. Form the smallest 8-digit number using the digits 7, 5, 0, 1, 2, 9, 8 and 4. Also write the number name of the numeral formed in Indian system.
2. Subtract 3,84,962 from 5,73,248.
3. Find the HCF of 20 and 30 .
4. Using Factor Tree Method, find the prime factorisation of 84.
5. Compare the fractions and by cross multiplication method.
6. Divide by .
7. Write in the expanded form of 14.657 in two different ways.
8. Find the sum of 111.1 + 11.11 + 1.111 .
9. Convert 700C in to 0F scale.
10. Find whether it is possible to draw a triangle with line segments of length 4cm, 6cm, 9cm.

**[SECTION – C]** [37]

1. A box contains 144 pencils. How many boxes are needed to pack 1,00,080 pencils?
2. Using prime factorisation method , find the LCM of 54 and 38.
3. Find the value of + - .
4. Look at the given number and answer the questions that follow:

287.149

(a) What digit is in tens place?

(b) What digit is in tenths place?

(c) What is the place of 9?

1. Amit travelled a distance of 15.55 km. If he travelled 12.400 km by bus

and the rest by scooter, find the distance covered by scooter.

1. Sum of two angles of a triangle is 900 . Find the third angle. What type of triangle is this?
2. Draw a triangle ABC. Name its sides and angles.

**[SECTION – D]** [4 6]

1. Arrange the following in ascending order.

, , ,

1. The sum of three decimal numbers is 95.3. If two decimal numbers are 43.82 and 26.058 respectively, find the third number.
2. (a) Change the following in to like decimals.

4.8 ; 43.659 ; 0.48 ; 0.4 ; 436.82

(b) Arrange the group of decimals in descending order.

567,38 ; 576.83 ; 576.9 ; 567.3

1. (a) Write all the factors of the number 24.
2. Write all the prime numbers between 50 and 80.
3. Renu’s mother bought 5 litres of milk. litres milk was used for making sweets, litres for making tea. How many litres of milk is left?
4. Winter season is enjoyed by all. It is very important to protect ourselves with warm clothes. Schools of a particular locality decided to donate warm clothes and blankets to people of nearby area who can not afford to buy them. There were 38 schools and each school donated Rs 25,365 for buying warm clothes and blankets, which were then distributed among people of nearby area.
5. How much money was donated by all the schools?
6. Suppose you see an old woman on the road shivering with cold. What will you do to help her?