**KV ONGC NO. 2 AGARTALA**

**Summer Holiday HW Class 10 B (MATHS)**

**2023-24**

1. Write and memories the table from 1 to 25
2. Write and memories the square from 1 to 40
3. Do all examples (with questions and answers) of chapter-1, chapter-2 and chapter-3
4. Write and memories the cubes from 1 to 15
5. Write a short note on biography of any one of the following Mathematician

 A) Shri Ramanuz

 B) Newton

 C) Pythagoras

 D) Aryabhatta

Also make a photo frame or sketch by using pencil on A4 size paper of the above mentioned Mathematician

**MATHS LAB MANUAL ACTIVITY**

**NOTE: These two activity you have to do in the maths lab practical notebook only**

1. To obtain zeroes of a quadratic polynomial geometrically
2. To obtain the conditions for consistency and inconsistency of a system of linear equations in two variables by graphical method.

**PROJECT (PPT)**

Prepare a powerpoint presentation as per the group allotted in bracket. It’s a group activity and everyone needs to mention their name on slides made by them and one group member needs to compile it and whatsapp it to my number :

(i) Tricks of vedic mathematics (Roll no. 1-10)

(ii) Real numbers (Roll no. 11-20)

(iii) Polynomials (Roll no. 21-30)

(iv) Pair of linear equations in two variables (Roll no. 31-40)

(v) Mathematics- The soul of every subject

**KV ONGC NO. 2 AGARTALA**

**Summer Holiday HW Class 9 B (MATHS)**

**2023-24**

1. Write and memories the table from 1 to 20
2. Write and memories the square from 1 to 40
3. Do all examples (with questions and answers) of chapter-1 , and 3
4. Write and memories the cubes from 1 to 15
5. Write a short note on biography of any one of the following Mathematician

 A) Shri Ramanuz

 B) Newton

 C) Pythagoras

Also make a photo frame or sketch by using pencil on A4 size paper of the above mentioned Mathematician

1. Write all the definition and formula of first two chapters in A4 sheet

**MATHS LAB MANUAL ACTIVITY**

**NOTE: These two activity you have to do in the maths lab practical notebook only**

1. **To make a square root spiral.**
2. **To verify the identity** [**a³-b³ = (a-b) (a²+ab+b²)**](https://www.cbsetuts.com/ncert-class-9-maths-lab-manual-verify-the-algebraic-identity-a3-b3-a-b-a2-ab-b2/) **for simple cases using a set of unit cubes.**

**PROJECT (PPT)**

Prepare a powerpoint presentation as per the group allotted in bracket. It’s a group activity and everyone needs to mention their name on slides made by them and one group member needs to compile it and whatsapp it to my number :

**Group 1: (Roll no. 1 to 11) :** Applications of Mathematics in Sports(you may pick up one or two sports .

**Group 2**: **(Roll no. 12 to 22) :** Applications of Mathematics in Science.

**Group 3 :** **(Roll no. 23 to 33) :**  Applications of Mathematics in Social Science.

**Group 4 :(Roll no. 34 to 44) :** Applications of Mathematics in Art and Architecture

**Group 5:** **(Roll no. 44 to 54) :** Applications of Mathematics in Agriculture.

**KV ONGC NO. 2 AGARTALA**

**Summer Holiday HW Class 8 B (MATHS)**

**2023-24**

1. Write and memories the multiplication table from 1 to 20
2. Write and memories the square from 1 to 40
3. Make a flow chart on number system.
4. Do all examples (with questions and answers) of chapter-1,2 and 3
5. Write the properties of each types of quadrilateral
6. List out the name of 10 mathematician with picture

PROJECT WORK

**Make a project on mathematics around us**

**KV ONGC NO. 2 AGARTALA**

**Summer Holiday HW Class 7 A (MATHS)**

**2023-24**

1. Write and memories the multiplication table from 1 to 20
2. Write and memories the square from 1 to 40
3. Make a flow chart on number system.
4. Do all examples (with questions and answers) of chapter-1 and chapter-2
5. Write all types of fraction with definition and examples
6. List out the name of 10 mathematician with picture

PROJECT WORK

**Make a project on mathematics around us**