MATHEMATICS PROJECT FIRST TERMINAL 2022 - 23

CLASS: 9B

TOPIC: NUMBER SYSTEM

OBJECTIVE: To understand the origin and history of Number System, earliest forms of number System, Emergence of Modern Day Number System, Types of Number System (like Rational, Irrational, Real numbers, Complex Numbers etc.)

PRE-ACQUIRED KNOWLEDGE: Introduction to different types of number system in classes 6 - 8. Introduction to Sets.

KEY AREAS TO COVER:

a) What is a number system?

b) What are the essential functions of Number System?

c) What are the different types of number system?

d) Write a short note on each of the number system.

e) Write a short note on π.

f) Plot $\sqrt{11}$ on a number line and explain the method.

g) Write down a short note on the number 2 which is also known as Euler's number.

h) Draw Wheel of Theodorus and explain the method.

i) What is the Golden Ratio? Prove that it is irrational.

CONCLUSION

BIBLIOGRAPHY

ACKNOWLEDGEMENT