***ABSTRACT***

*If factored, it is only divisible by the number 1 and by itself is called a Prima Number. Its uniqueness is always in the form between 6k-1 or 6k +1. One of the concepts or methods of processing prime numbers is owned by Rivest Shamir Adleman (RSA) which sets 2 patterns, namely 2 variables p and q to generate RSA keys. GCD results (p-1, q-1) are not too large, indicating factoring takes time and the range of p and q is far apart. Constant numbers or order p and q become arithmetic experiments using a combination of time device information on android mobile in the form of hours (HH), minutes (mm) and seconds (ss). Greenwich Mean Time Zone (GMT) is a form of time zone of information that makes a determinant pattern clock into a probabilistic process that is processed by pseudorandom resulting in an Early Zone 15:17:02 GMT + 8 to Other Zones to 10:17:03 GMT - 11. The time used when arithmetic processes occur. Then with a combination of time devices, HH plays a role in the formation of p while q is influenced by mm and ss with the provisions as such an index. The initial generation is determined by the upper limit prime n = 512. With a simple naive solution technique where 2 to n - 1 produces an arrayListPrimeNumber = 2,3,5,7,9 ... n. Combination and Arithmetic managed to determine p = 179 and q = 419 indicating that p and q also have efficient results even though the determination of prime numbers is not large. The test was carried out using the Exception Handling technique as a concept monitoring, so that the test results were not found to catch exceptions. Large Prima results can be generated by raising the value of the initial constants and n determined in the formula P\_penentuan and q\_penentuan.*

***Keywords****:* *Prime Number, Information Time Device, P and Q*