



Sabaragamuwa Provincial Department of Education
– Weekly School

Subject – General Information Technology

Week - 4

Grade - 12

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Competency level 02 – Explores the representation of data inside a computer.

Competency level 2.1 – Describes the data representation used in computers and the related fundamental concepts.

Number system –

A system that naming or representing numbers is known as Number System.

Ex- Decimal

Binary

Hexadecimal

Symbols of number system

Number system	Base value	Number of symbols	Symbols
Decimal	10	10	0,1,2,3,4,5,6,7,8,9
Binary	2	2	0,1
Hexadecimal	16	16	0,1,2,3,4,5,6,7,8,9,A,B,C,D,E,F

Assessment

- 1.What is meant by “Place Value”?
- 2.Explain Binary Number System and Hexadecimal Number System with examples.