Department of Education Sabaragamuwa Province – Weekly school

Information and communication Technology

Week - 10

Grade 8

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- **Refer the first unit in your text book and answer for the following questions.**

01. Complete the table below using knowledge of different number system.

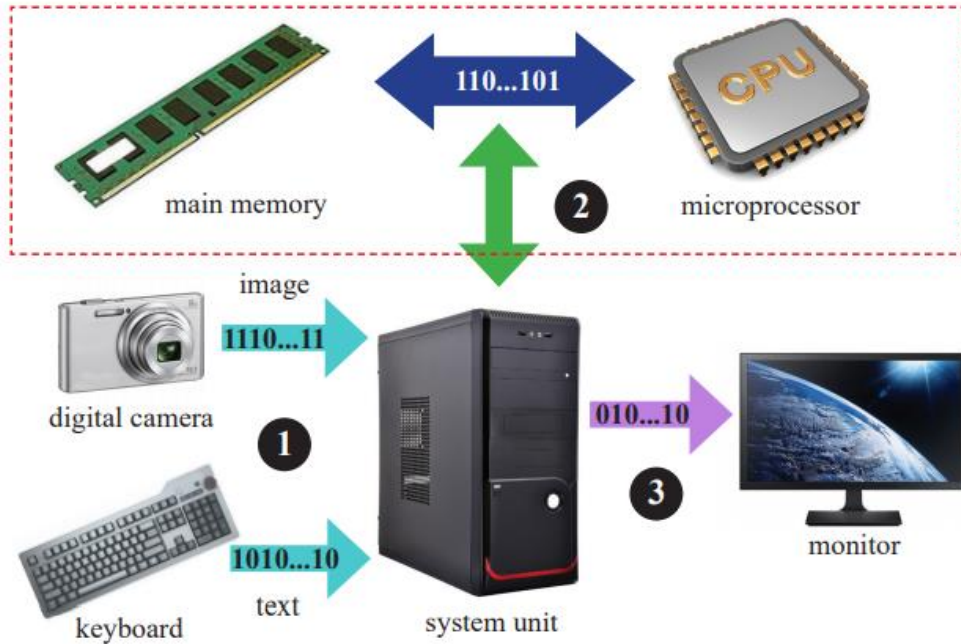| Number System	Symbols	Base
Binary		
Octal		
Decimal		
Hexa Decimal		

02. Convert following decimal numbers into binary numbers.

I.	78	II.	93
III.	125	IV.	149
V.	226	VI.	256
VII.	315	VIII.	368
IX.	432	X.	420

03. Convert following binary numbers into decimalnumbers.

I.	1001011_2	II.	10111_2
III.	11110_2	IV.	111111_2
V.	1000011_2	VI.	101010_2
VII.	100100_2	VIII.	111001_2
IX.	1010011_2	X.	100101_2

04. Following diagram illustrates the flow of binary data among the different components of a computer system on all the input, process and output functions. Write the functions that occurs in stages 1,2 and 3.

1 ....

2 ....

3 ....