



Sabaragamuwa Provincial Department of Education-
Weekly School

Subject – Information and
Communication Technology

Week- Dec.- 3

Grade - 12

Prepared By- Zonal Education
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01. i. What is the 8 bits two's complement value of +34.

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ii. What is the 8 bits two's complement value of -10

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iii. Simplify $+34 + (-10)$ by using the answer of above (i) and (ii) show the steps clearly.

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iv. Why does a computer need to represent two's complement of data in its internal operations? Explain briefly.

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v. Convert binary 10100010.01_2 into a decimal number.

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