



**ANSI Committee on Education**

***Standardization Case Studies***

**ACCOMPANYING QUESTION AND ANSWER WORKSHEET**

As appropriate, please suggest recommended study, test or quiz questions / answers to accompany the case study proposed above.

<b>Proposed Question</b>	How do computers store letters and other characters?
<b>Proposed Answer</b>	By assigning a number for each one.

<b>Proposed Question</b>	What was required of a single encoding system that could be used to apply a universal character set?
<b>Proposed Answer</b>	It needed to cover all the letters, punctuation, and technical symbols in common use in all the languages world-wide.

<b>Proposed Question</b>	Name three problems with antiquated solutions?
<b>Proposed Answer</b>	<ol style="list-style-type: none"> <li>1) Letters and symbols were handled differently so users couldn't be sure the text they sent was being properly received.</li> <li>2) Encoding systems conflicted with one another.</li> <li>3) Data passed between different platforms was at risk of corruption.</li> </ol>

<b>Proposed Question</b>	What is the modern solution called?
<b>Proposed Answer</b>	Universal Coded Character Set, or "Unicode".

<b>Proposed Question</b>	What three organizations are credited with the success of Unicode?
<b>Proposed Answer</b>	<ol style="list-style-type: none"> <li>1) International Organization for Standardization (ISO)</li> <li>2) Unicode Consortium</li> <li>3) INCITS (the InterNational Committee for Information Technology Standards)</li> </ol>

Please return completed Project Worksheet to [training@ansi.org](mailto:training@ansi.org).

Questions can be directed to [Lisa Rajchel](mailto:Lisa.Rajchel@ansi.org) (212.642.4932)