



The following diagram represents a decimal number in BCD format.

0	0	1	1	1	0	0	1
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1. What is the decimal number represented by the diagram.
2. Show how -26 is added to the above decimal number using Twos' complement method. Show your calculations clearly.
3. Explain how the following relationships are represented in ER model with suitable examples.
 - 1.) One to many
 - 2.) Many to many
4. Describe the economical and the environmental issues in ICT by taking an example for each.