Link: <http://www.studytonight.com/computer-networks/osi-model-presentation-layer>

**Presentation Layer**

#### Replace the content before : FUNCTIONS OF PRESENTATION LAYER:

With the following :

The primary goal of this layer is to take care of the **syntax and semantics** of the information exchanged between two communicating systems. Presentation layer takes care that the data is sent in such a way that the receiver will understand the information (data) and will be able to use the data. Languages (syntax) can be different of the two communicating systems. Under this condition presentation layer plays a role translator.

In order to make it possible for computers with different data representations to communicate, the data structures to be exchanged can be defined in an **abstract** way. The presentation layer manages these **abstract data structures** and allows higher-level data structures (eg: banking records), to be defined and exchanged.

**Design Issues with the Presentation Layer**

* To manage and maintain the **Syntax and Semantics** of the information transmitted.
* **Encoding data** in a standard agreed upon way. Eg: String, double, date, etc.
* Perform **Standard Encoding** on wire.

**Replace the given image with this and put it at the end of the page: (Rest of the content is fine and verified)**

