### *Semantic web and ontologies*

***Describe the problems in the current web and the vision of the semantic web.***

A library of documents interconnected by links

A common portal to applications accessible through web pages, and presenting their results as web page.

A place where computers do the presentation easy and people do the linking and interpreting hard.

Locating information

Retrieving relevant information

Integrating information

***Show how semantic annotations based on ontologies would help solve the problems of the current web.***

***Explain what ontologies are used for.***

***Describe and explain the OBO Foundry principles.***

***Explain and give examples of the components of ontologies.***

***Describe from a knowledge representation point of view the different kinds of ontologies.***