Description logics and OWL

***Describe the notions of T-box, A-box, knowledge base, subsumption, satisfiability.***

***Model a given a scenario using description logics.***

***Give the semantics for a given description logic construct.***

***Describe the difference between open-world assumption and closed-world assumption.***

***Describe the different reasoning services.***

***Given 2 concepts, prove that one concept subsumes the other (or not) using a tableau algorithm.***

***Know some reasons for intractibility, undecidability of description logics.***

***Know the difference between the variants of OWL.***