1. Give Chinese translation and explain their meaning for the following concepts:

   1.1 The "FAIR" principles of research data curation (10%)

   1.2 Bibliotherapy (10%)

   1.3 Bibliographic coupling (10%)

   1.4 Discounted Cumulative Gain (DCG) (10%)

   1.5 Information Search Process (ISP) (10%)

   1.6 Faceted analysis (10%)

   1.7 Information literacy (10%)

2. Translate the following texts into Chinese

   2.1 "...Many IR systems use relevance ranking, whereby the output is sorted by means of measures that attempt to rank the importance of documents, usually based on factors related to frequency of occurrence of terms in both the query and the document... Systems that use relevance ranking tend to have larger but sorted retrieved outputs, and users can decide how far down to look. Since the more relevant documents tend to be ranked higher, this approach gives users a chance to determine whether they want lower recall and higher precision (just look at the top of the list) or higher recall and lower precision (keep looking further down the list)." (15%)

   2.2 "Interdisciplinarity generally refers to the appropriate combination of knowledge from many different specialties — especially as a means to shed new light on an actual problem. In notably effective efforts, the combination of disciplines adds value: the total is more interesting than the sum of the individual contributions or parts. Interdisciplinary and problem-oriented inquiry, again when effectively and successfully executed, consistently considers a variety of intellectual and practical questions not normally asked in ordinary disciplinary pursuits..." (15%)

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