These questions refer to the W3C XML Query Use Case XMP
(See Section 1.1 in http://www.w3.org/TR/xquery-use-cases/)

**Question 1** (10%) Show the tree representation of the XML document “Sample Data”.

Write the following XQueries:

**Question 2** (10%) List title and year of books authored by “Dan Suciu”.

**Question 3** (10%) List the publisher of “Data on the Web”.

**Question 4** (10%) List all publishers, in alphabetical order. Each publisher should be listed only once.

**Question 5** (10%) List title, year, and second author of books that have more than one author.

**Question 6** (10%) List titles and publishers of books that have an editor.

**Question 7** (10%) List the books, but add a new author or editor to each of the books. The name of the new author/editor is “Me Myself”, and should be listed as the first author/editor of each book.

**Question 8** (10%) List the cheapest book.

**Question 9** (20%) Consider the expected result to query Q4 in the use cases. Write an XQuery to restructure this answer to the schema of “Sample Data” document. Namely, the input is the expected result to Q4, and the output lists the books and lists the authors as subelements of the books.