

Question 1[4 marks]

A) 2 marks (each with half)

1. False , determine the scope and the domain of application
 2. False , Predicates
 3. False, An instance of a subclass is also an instance of its superclasses
 4. False RDF is represented in 3 form (predicate, graph, code)
-

B)

For each of the identified classes, complete the following table: **(3 marks 1 for each class and its item)**

	Class name1 Book	Class name2 publisher	Class name3 author
Data property	has-title , publication-date	Name in-city	Name homepager
Object property	has-publisher has-author		
Domain	book	publisher	book
Range	publisher	Litral :string	Litral :string

What are the usage of empty oval inside the black square (0.5 marks)

Blank node to connect predicates

Give example of Cardinality of any property (0.5 marks)

A book has min one author and maximum 10 authors

A book has only one name

Question 2[4 marks]

Subject	Predicate	Object
http://www.w3.org/TR/rdf-syntax-grammar	http://purl.org/dc/elements/1.1/title	"RDF/XML Syntax Specificat
genid:A1518	http://example.org/stuff/1.0fullName	"Dave Beckett"
http://www.w3.org/TR/rdf-syntax-grammar	http://example.org/stuff/1.0editor	genid:A1518
genid:A1518	http://example.org/stuff/1.0homepage	http://purl.org/net/dajobe

- 1) Yes there is a blank node (0.5 marks)
- 2) Namespaces are EX, DC (0.5 marks)
- 3) Predicate names (title, editor, full name, homepage) each with (0.5 marks)
- 4) Graph (1 mark)

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w3.org/RDF/Validator/rdfval

```

11:   <rdf:Description ex:fullName="Dave Beckett">
12:     <ex:homepage rdf:resource="http://purl.org/net/dajobe/" />
13:   </rdf:Description>
14:   </ex:editor>
15: </rdf:Description>
16: </rdf:RDF>
17:

```

Graph of the data model

Feedback

If you suspect the parser is in error, please enter an explanation below and then press the **Submit problem report** button, to mail the report (and listing) to www-rdf-validator@w3.org

D3.1.7 Training M...pptx | SPARQL.ppt | owl.mp4 | online lecture 11-2...csv | Show all

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