23.3

```
/db/emp/skills/type
```

```
23.9
a.
<parts>
 <part>
  <name> bicycle </name>
  <subpartinfo>
   <part>
    <name> wheel </name>
    <subpartinfo>
     <part>
      <name> rim </name>
     </part>
     <qty= 1 </qty>
    </subpartinfo>
    <subpartinfo>
     <part>
      <name> spokes </name>
     </part>
     <qty; 40 </qty>
    <lsubpartinfo>
    <subpartinfo>
```

```
<part>
      <name> tire </name>
     </part>
     <qty> 1 </qty>
    </subpartinfo>
   </part>
   <qty>2 </qty>
   </subpartinfo>
   <subpartinfo>
    <part>
     <name> brake </name>
    </part>
    <qty= 2 </qty>
   </subpartinfo>
   <subpartinfo>
    <part>
     <name> gear </name>
    </part>
    <qty= 3 </qty>
   </subpartinfo>
   <subpartinfo>
    <part>
     <name> frame </name>
    </part>
    <qty= 1 </qty>
   </subpartinfo>
 </part>
</parts>
b.
part(partid, name)
subpartinfo(partid, subpartid, qty)
```

C.

23.11

```
a.
for $e in /db/emp,
$m in distinct-values($e/children/birthday/month)
where $m = 'March'
return $e/ename
b.
for $e in /db/emp
$s in $e/skills[type='typing']
$exam in $s/exams
where $exam/city= 'Dayton'
return $e/ename
c.
for $t in distinct-values (/db/emp/skills/type)
return $t
```