



UNIVERSITY OF COLOMBO, SRI LANKA

UNIVERSITY OF COLOMBO SCHOOL OF COMPUTING

DEGREE OF BACHELOR OF INFORMATION TECHNOLOGY (EXTERNAL)

Academic Year 2013/2014 – 1st Year Examination – Semester 1

IT1305 – Web Application Development I
Multiple Choice Question Paper

23rd March 2014
(TWO HOUR)

Important Instructions:

- The duration of the paper is **2 (two) hours**.
- The medium of instruction and questions is English.
- The paper has **50 questions** and **16 pages**.
- All questions are of the MCQ (Multiple Choice Questions) type.
- All questions should be answered.
- Each question will have 5 (five) choices with **one or more** correct answers.
- All questions will carry equal marks.
- There will be a penalty for incorrect responses to discourage guessing.
- The mark given for a question will vary from 0 (*All the incorrect choices are marked & no correct choices are marked*) to +1 (*All the correct choices are marked & no incorrect choices are marked*).
- Answers should be marked on the special answer sheet provided.
- Note that questions appear on both sides of the paper.
If a page is not printed, please inform the supervisor immediately.
- Mark the correct choices on the question paper first and then transfer them to the given answer sheet which will be machine marked. **Please completely read and follow the instructions given on the other side of the answer sheet before you shade your correct choices.**

- 1) Which of the following statement(s) is/are **true** with respect to the Internet?
- (a) The Internet has no centralized governance in either technological implementation or policies for access and usage.

(b) Internet is a particular global computer network connecting millions of computing devices.

(c) The term World Wide Web can be used to refer to the Internet.

(d) The Internet Protocol address space and the Domain Name System, are managed by USA.

(e) Tier 2 networks, large telecommunication companies exchange traffic directly with all other Tier 2 networks.
- 2) What does acronym TCP stand for in the standard Internet protocol suit?
- (a) Transfer Communication Program

(b) Transmission Control Protocol

(c) Transfer Control Program

(d) Transfer Control Protocol

(e) Transmission Communication Program
- 3) Which of the following is/are service(s) on the Internet?
- | | | |
|-------------------|--------------------|-----------------------|
| (a) Email | (b) Cloud Storage | (c) Instant Messaging |
| (d) Voice over IP | (e) World Wide Web | |
- 4) Which of the following websites is/are social networking website(s)?
- | | | |
|-----------------|--------------|-------------|
| (a) MySpace | (b) DropBox | (c) YouTube |
| (d) StumbleUpon | (e) LinkedIn | |
- 5) Which of the following statement(s) is/are **true** with respect to routing?
- (a) Localcast is a routing schema.

(b) General-purpose computers cannot forward packets and perform routing.

(c) Routing Tables maintain a record of routes to various destinations.

(d) Bridging is the dominant form of addressing on the Internet.

(e) Most routing algorithms use only one network path at a time.
- 6) Which of the following can be intermediate node(s) in a network with respect to routing?
- | | | |
|----------------|--------------|------------------|
| (a) Bridge | (b) Gateway | (c) Proxy Server |
| (d) Web Server | (e) Firewall | |

- 7) Which of the following statement(s) is/are **true** with respect to URI?
- (a) URI stands for Uniform Resource Indicator.
 - (b) URIs are also referred to as Uniform Resource Locators.
 - (c) The *scheme* of the URI designates the underlying protocol to be used.
 - (d) The *host* is the name or the IP address of the web server being accessed.
 - (e) The default port of the HTTP server is 8080.
- 8) Which of the following statement(s) is/are **true** with respect to IP Addresses?
- (a) An IPv4 addresses consists of 16 bits.
 - (b) The Unicast form of IP Addressing is available in both IPv4 and IPv6.
 - (c) Unlike IPv4, IPv6 does not reserve addresses for internal or private networks.
 - (d) IPv6 address scheme was developed to solve the problem of IPv4 address exhaustion.
 - (e) A Public IP Address is a globally routable unicast IP address.
- 9) Which of the following statement(s) is/are correct in describing the World Wide Web?
- (a) Is a system of interlinked hypertext documents accessed via the Internet.
 - (b) Is a collection of web pages.
 - (c) Is a collection of hypertext documents accessed via any network.
 - (d) Is a system which uses HTTP protocol to access hypertext documents.
 - (e) Is a system of interlinked multimedia content accessed via the Internet.
- 10) Which of the following statement(s) is/are **true** with respect to the Document Object Model (DOM)?
- (a) The DOM is a cross-platform and language dependent interface that allows programs and scripts to dynamically access and update content, structure and style of HTML and XML documents.
 - (b) All nodes except CDataSection in the DOM hierarchy inherit the Node Type.
 - (c) All nodes in a DOM Level are required (mandatory).
 - (d) Properties, methods and events available to a Web developer are organized into DOM Objects.
 - (e) The DOM has an Exception Interface, which represents some exceptions and errors.
- 11) Which of the following statement(s) is/are **true** with respect to the structure of an HTML document?
- (a) An HTML document starts with the DOCTYPE element tag <DOCTYPE HTML>
 - (b) The HTML element has three sub elements HEAD, BODY and SCRIPT.
 - (c) The TITLE element is a sub element within the HEAD element.
 - (d) The BODY element contains the actual contents of the document.
 - (e) The HTML element does not have attributes.

12) Which of the following statement(s) is/are **true** with respect to Elements in HTML5?

- (a) The HEADER element is used to provide the introductory content of an HTML page.
- (b) The SCRIPT element represents a server-side script.
- (c) The H1 element is an interactive element.
- (d) The INPUT element represents an input control, if the type attribute is not in the hidden state.
- (e) The SUB element is an Interactive element.

13) Which of the following is/are inline element(s) in HTML5?

- | | | |
|------------|-------------|-----------|
| (a) | (b) <div> | (c) |
| (d) <h2> | (e) <table> | |

Use the following HTML code to answer question numbers 14 – 20. The file name of this document is example.html and is located in the *pages* folder.

```
<html>
  <head>
    <title>Exam Sample Document</title>
  </head>
  <body>
    <h1>This is my <del>first</del>Webpage</h1>
    <p><em><strong>This is my Paragraph.</strong></em></p>
    <p>
      <a href="http://www.ucsc.lk" target="_blank">Visit UCSC!</a>
    </p>
    <table>
      <tr>
        <td colspan = "2">Text block 1</td>
      </tr>
      <tr>
        <td>Text block 2</td>
        <td>Text block 3</td>
      </tr>
      <tr>
        <td rowspan = "2">Text block 4</td>
        <td>Text block 5</td>
      </tr>
      <tr>
        <td>Text block 6</td>
      </tr>
    </table>
    
    <map name="imgmap">
      <area shape="rect" coords="0,0,50,50"
      href=../smiley_clicked.html" />
```

Continued....

```

        <area shape="circle" coords="75,75,25"
        href=../smiley_clicked2.html" />
    </map>
</body>
</html>

```

14) How does the header1 appear when the page is rendered on the screen?

- | | |
|--|--|
| (a) This is my first Webpage | (b) This is my first Webpage |
| (c) This is my Webpage | (d) This is my <i>first</i> Webpage |
| (e) This is my <u>first</u> Webpage | |

15) What will be the style of the output of the text “This is my Paragraph.”?

- | | |
|---|----------------------------------|
| (a) <i>This is my Paragraph.</i> | (b) This is my Paragraph. |
| (c) THIS IS MY PARAGRAPH. | (d) THIS IS MY PARAGRAPH. |
| (e) <i>This is my Paragraph.</i> | |

16) Which of the following statement(s) is/are true?

- | |
|--|
| (a) “This is my Paragraph” and the Hyperlink defined will appear on the same line. |
| (b) The colour of the Hyperlink will depend on the browser settings for hyperlinks. |
| (c) The Hyperlink will be displayed as www.ucsc.lk. |
| (d) The Hyperlink will open in the same window/tab. |
| (e) If the target attribute is not specified, the page attached to the Hyperlink will be opened in the same frame as it was clicked. |

17) The table defined in the document would render on screen as

(a)	(b)															
<table border="1"> <tr><td>Text block 1</td><td></td></tr> <tr><td>Text block 2</td><td>Text block 3</td></tr> <tr><td>Text block 4</td><td rowspan="2">Text block 5</td></tr> <tr><td>Text block 6</td></tr> </table>	Text block 1		Text block 2	Text block 3	Text block 4	Text block 5	Text block 6	<table border="1"> <tr><td>Text block 1</td><td>Text block 2</td></tr> <tr><td>Text block 3</td><td></td></tr> <tr><td>Text block 4</td><td>Text block 5</td></tr> <tr><td></td><td>Text block 6</td></tr> </table>	Text block 1	Text block 2	Text block 3		Text block 4	Text block 5		Text block 6
Text block 1																
Text block 2	Text block 3															
Text block 4	Text block 5															
Text block 6																
Text block 1	Text block 2															
Text block 3																
Text block 4	Text block 5															
	Text block 6															
(c)	(d)															
<table border="1"> <tr><td>Text block 1</td><td></td></tr> <tr><td>Text block 2</td><td>Text block 3</td></tr> <tr><td>Text block 4</td><td>Text block 5</td></tr> <tr><td></td><td>Text block 6</td></tr> </table>	Text block 1		Text block 2	Text block 3	Text block 4	Text block 5		Text block 6	<div>Text block 1</div> <div>Text block 2 Text block 3</div> <div>Text block 4</div> <div>Text block 6 Text block 5</div>							
Text block 1																
Text block 2	Text block 3															
Text block 4	Text block 5															
	Text block 6															
(e)																
<div>Text block 1</div> <div>Text block 2 Text block 3</div> <div>Text block 4 Text block 5</div> <div>Text block 4 Text block 6</div>																

- 18) Which of the following statement(s) is/are **true** with respect to the above HTML document?
- (a) If the tag `` was replaced with the `<i></i>` tag the visual output would not be the same.
 - (b) If the tag `` was replaced with the `<i></i>` tag the audio output of a screen reader of the HTML page would be different.
 - (c) If the tag `` was replaced with the `` tag the visual output would not be the same.
 - (d) If the tag `` was replaced with the `` tag the audio output of a screen reader of the HTML page would be different.
 - (e) If the tag `` was replaced with the `<mark></mark>` tag the visual output would be the same.
- 19) Which of the following statement(s) is/are **true** with respect to the image in the HTML document?
- (a) The smiley.gif file is located in a folder named *images* that is at the same level in the directory structure as the folder named *pages*.
 - (b) The smiley.gif file will display at 100% height and 100% width as the original image.
 - (c) The “alt” attribute will load another image called “Smiley Face.gif” if smiley.gif is not found.
 - (d) The smiley.gif file needs not be 100px in height and 100px in width.
 - (e) The image will not display as the IMG tag is closed with the slash (/>).
- 20) Which of the following statement(s) is/are **true** with respect to image-map in the HTML document?
- (a) When the upper right quarter of the smiley.gif image is clicked the smiley_clicked.html file will be loaded to the web browser.
 - (b) When the upper left quarter of the smiley.gif image is clicked the smiley_clicked.html file will be loaded to the web browser.
 - (c) When the circle at the bottom left quarter is clicked the smiley_clicked1.html file will be loaded to the web browser.
 - (d) A square shape and a circle will be drawn to indicate the map areas in the smiley.gif image.
 - (e) The image map will create a hyperlinked circle with the centre at 75px, 75px and a radius of 25px of the image.
- 21) Which of the following code(s) will create the following lists on the browser?
- 1. Coffee
 - i. Black
 - ii. Milk
 - iii. Cappuccino
 - 2. Tea
 - c. Black
 - d. Milk
 - e. Green

(a)

```
<ol><li>Coffee</li>
  <ol type = "roman">
    <li>Black</li><li>Milk</li><li>Cappuccino</li>
  </ol>
<li>Tea</li>
  <ol begin="c" type = "alphabet">
    <li>Black</li><li>Milk</li><li>Green</li>
  </ol>
</ol>
```

(b)

```
<ol><li>Coffee</li>
  <ol start="1" type = "roman">
    <li>Black</li><li>Milk</li><li>Cappuccino</li>
  </ol>
<li>Tea</li>
  <ol start="c" type = "alphabet">
    <li>Black</li><li>Milk</li><li>Green</li>
  </ol>
</ol>
```

(c)

```
<ol><li>Coffee</li>
  <ol start="1" type = "i">
    <li>Black</li><li>Milk</li><li>Cappuccino</li>
  </ol>
<li>Tea</li>
  <ol start="3" type = "a">
    <li>Black</li><li>Milk</li><li>Green</li>
  </ol>
</ol>
```

(d)

```
<ol><li>Coffee</li>
  <ol start="1" type = "i">
    <li>Black</li><li>Milk</li><li>Cappuccino</li>
  </ol>
<li>Tea</li>
  <ol start="c" type = "a">
    <li>Black</li><li>Milk</li><li>Green</li>
  </ol>
</ol>
```

(e)

```
<ol><li>Coffee</li>
  <ol type = "i">
    <li>Black</li><li>Milk</li><li>Cappuccino</li>
  </ol>
<li>Tea</li>
  <ol start="3" type = "a">
    <li>Black</li><li>Milk</li><li>Green</li>
  </ol>
</ol>
```

- 22) Which of the following code segment(s) will correctly add a hidden field to a form?
- (a) `<input type="hidden" name="hidden_name" value="hidden_value" visible="false">`

(b) `<input type="hidden" name="hidden_name" value="hidden_value">`

(c) `<input type="text" name="hidden_name" property="hidden" value="hidden_value">`

(d) `<input type="hiddentext" name="hidden_name" value="hidden_value">`

(e) `<input type="hiddentext" name="hidden_name" visible="false">`
- 23) Which of the following element(s) could be used to display a list of predefined options (auto complete) a user may want to select?
- (a) `<output>` (b) `<datalist>` (c) `<legend>`

(d) `<list>` (e) `<option>`
- 24) Which of the following code segment(s) will correctly add a video file to an HTML document?
- (a) `<media type="video/wmv" src="myvideo.wmv" width="640" height="400">`

(b) `<object type="video/wmv" src="myvideo.wmv" width="640" height="400">`

(c) `<file type="video/wmv" src="myvideo.wmv" controls="true"></file>`

(d) `<video src="myvideo.wmv" controls></video>`

(e) `<embed src="myvideo.wmv" width="640" height="400"></embed>`
- 25) Which of the following statement(s) is/are **true** with respect to JavaScript?
- (a) JavaScript is a case-sensitive language.

(b) Multi-line comments are done `/*` and ends with `*/`

(c) JavaScript does not support Arrays of literals.

(d) JavaScript ignores white-spaces but considers line-breaks.

(e) The semicolon (`;`) is optional to terminate statements.
- 26) Which of the following code segment(s) can be used to incorporate JavaScript to the BODY element?
- (a) `<script type="text/javascript" language="javascript">`

(b) `<body script type="text/javascript" language="javascript">`

(c) `<script src="myscript.js">`

(d) `<script src="myscript.js" type="text/javascript">`

(e) `<script type="text/javascript" location="body">`

27) Which of the following code segment(s) can be used to display an Alert box during the execution of JavaScript code?

- (a) `alertbox("Hello world!");`
- (b) `alert("Hello world!");`
- (c) `popup("Hello world!");`
- (d) `var msg = "Hello world!"; alert(msg);`
- (e) `prompt("Hello world!");`

28) Which of the following statement(s) is/are **true** with respect to events of HTML forms?

- (a) `onmouseup` triggers when the mouse pointer is over an element.
- (b) `onblur` triggers when the window loses focus.
- (c) `onsubmit` triggers when any form button is clicked.
- (d) `onchange` triggers when the content of an element changes.
- (e) `onselect` triggers when a select type input element is changed.

29) Which of the following statement(s) is/are **true** with respect to the Date object in JavaScript?

- (a) `getDate()` method returns the day, month and year.
- (b) `getDay()` method returns the day of the week as a number, with Monday being 1 and Sunday being 7.
- (c) `getMonth()` method returns the month as a number, with January being 0 and December being 11.
- (d) `getFullYear()` method returns the equivalent of the year in four digits.
- (e) `getHours()` method return the hour with a value between 0 and 23.

30) Which of the following is/are method(s) of the Document object in JavaScript?

- (a) `getElementById()`
- (b) `write()`
- (c) `close()`
- (d) `save()`
- (e) `getSize()`

Answer question numbers 31 – 36 based on the following HTML document.

```
<html>
<head>
<script>
function analyser (a,b)
{
    var flag1 = a;
    var flag2 = b;
    var number = 10;

    if (flag1 && flag2)
    {
```

Continued....

```

        number = prompt("please enter a number");
        function cal (x)
        {
            var num = x%2;
            return num;
        }
        var evenodd = cal(number);
        if (evenodd != 0)
        {
            document.write(number + " is an odd number.<br />");
        }
        else
        {
            document.write(number + " is an even number.<br />");
        }
    }
    else
    {
        alert("At least one flag is set to false");
        document.write("<button type='submit' onclick=analyser(true,true)
id='tybutton'>Try Again</button><br />");
    }
}
</script>
</head>
<body onload = analyser(false,true)>

</body>
</html>

```

31) Which of the following statement(s) is/are **true** with respect to the above code?

- (a) The variable flag1 and flag2 are string variables.
- (b) The function cal() can be accessed only within the function analyser().
- (c) The function cal() will return the remainder after dividing the value of the variable x by 2.
- (d) The $!=$ operator will return true if both values are equal.
- (e) The $\&\&$ operator will return true if both values are true.

32) What would be first displayed on the browser window?

- (a) A textbox to enter a number.
- (b) An alert box.
- (c) A submit button.
- (d) A prompt to enter a number.
- (e) The number 10.

- 33) What would be first displayed on the browser window if `<body onload = analyser(true,true)>` was used instead?
- | | |
|----------------------------------|---------------------------------|
| (a) A textbox to enter a number. | (b) An alert box. |
| (c) A submit button. | (d) A prompt to enter a number. |
| (e) The number 10. | |
- 34) What would be displayed if no number was entered in the prompt window, but the OK button was clicked?
- | |
|---|
| (a) 10 is an even number. |
| (b) 0 is an even number. |
| (c) A prompt to enter a number again. |
| (d) is an even number. |
| (e) An alert that a number was not entered. |
- 35) What is the name given for variables such as `a`, `b` and `x` with respect to where they appear?
- | | | |
|----------------|---------------|-------------|
| (a) Parameters | (b) Variables | (c) Parsers |
| (d) Operators | (e) Constants | |
- 36) What is the JavaScript function that can be used to determine if the data entered in the prompt box is a number?
- | | | |
|--------------|----------------|------------------|
| (a) Number() | (b) parseInt() | (c) parseFloat() |
| (d) eval() | (e) isNaN() | |
- 37) Which of the following statement(s) is/are **true** with respect to Cascading Style Sheets (CSS)?
- | |
|---|
| (a) Cascading Style Sheet is a text file with a .css extension. |
| (b) Every HTML document must have its own unique CSS file. |
| (c) In CSS a property that is applied to an element is not inherited by the child elements of that element. |
| (d) The pattern provided by CSS to indicate a style rule to be applied on specific elements is known as a selector. |
| (e) CSS can be inserted into a HTML file as an Internal Style Sheet. |
- 38) Which of the following statement(s) correctly link(s) a Cascading Style Sheet to a HTML document?
- | |
|--|
| (a) <code><file type="text/css" rel="stylesheet" src="sample.css"></code> |
| (b) <code><link type="text/css" rel="stylesheet" src="sample.css"></code> |
| (c) <code><link type="text/css" language="css" href="sample.css"></code> |
| (d) <code><file type="text/css" href="sample.css"></code> |
| (e) <code><link type="text/css" rel="stylesheet" href="sample.css"></code> |

39) Which of the following CSS code(s) will add a background image to the body of an HTML document?

- (a) `body { bimage: src="backgroundimage.png" }`
- (b) `body { background-image: url("backgroundimage.png"); }`
- (c) `body { background-image: src="backgroundimage.png" }`
- (d) `body { background: href="backgroundimage.png" }`
- (e) `body { background: url("backgroundimage.png"); }`

40) Which of the following statement(s) is/are **true** with respect to Cascading Style Sheets?

- (a) Multiple columns of text can be added to web pages by using CSS.
- (b) Floating boxes are not allowed in CSS.
- (c) Images as borders are not allowed in the CSS box-model.
- (d) CSS box-model allows the creation of rectangular boxes in HTML documents.
- (e) Circles can be created using the radius attribute in the box-model in CSS.

Answer question numbers 41 – 45 based on the following HTML document.

```
<html>
<head>
<style type="text/css">

{* margin: 0}

body
{
color: #FFFFFFF;
background-color: gray;
font-family: sans-serif;
font-size:14pt;
}

h1 {font-size: 18pt}

p
{
font-size:12pt;
color: rgba(255,0,0,0.2);
background-color: #00FF00;
}

table
{
border-color: red yellow pink orange;
```

Continued....

```

border-style: solid;
border-width: 3px;
font-size: large;
color: #000000;
}

th
{
background-color: #FF0000;
font-weight: bold;
font-style: italic;
padding: 3px;
}

td
{
padding: 3px;
font-family: serif;
font-size: small;
}

td.code
{
font-family: serif;
color: #FFFFFF;
background-color: #0000FF;
font-size: inherit;
}

</style>
</head>
<body>
    <h1>Exam example</h1>
    <p style="background-color: rgb(255,255,0); color:
rgba(0,0,255,1)">This is Paragraph 1</p>
    <p>This is Paragraph 2</p>
    <table>
        <tr><th>Name</th><th>Age</th></tr>
        <tr><td>Amila</td><td>35</td></tr>
        <tr><td class="code">Saman</td><td class="code">56</td></tr>
        <tr><td>Ruvan</td><td>34</td></tr>
    </table>
</body>
</html>

```

- 41) What will be the background colour and text colour respectively of Paragraph 1?
- | | | |
|--------------------|---------------------|------------------|
| (a) Green and Red | (b) Yellow and Blue | (c) Red and Blue |
| (d) Orange and Red | (e) Pink and Blue | |
- 42) What will be the Alpha level of Paragraph 2?
- | | | |
|---------|--------------|-------|
| (a) 0 | (b) 0.2 | (c) 1 |
| (d) 255 | (e) ∞ | |
- 43) What would be the colours of the left, top, right and bottom borders of the table respectively?
- | | |
|-----------------------------------|-----------------------------------|
| (a) Red, Yellow, Pink and Orange. | (b) Yellow, Pink, Orange and Red. |
| (c) Red, Pink, Yellow and Orange. | (d) Orange, Red, Yellow and Pink. |
| (e) Orange, Red, Pink and Yellow. | |
- 44) What would be the size of the text “Saman” appearing inside the table?
- | | | |
|-----------|-----------|----------|
| (a) small | (b) large | (c) 12pt |
| (d) 14pt | (e) 18pt | |
- 45) What will be the text colours respectively of header “Exam Example”, Table header, table data “Amila” and table data “Saman”?
- | | |
|------------------------------------|------------------------------------|
| (a) White, Black, Black and White. | (b) Black, White, White and Black. |
| (c) Black, Black, White and White. | (d) Black, Black, Black and Black. |
| (e) White, White, White and White. | |
- 46) Which of the following statement(s) is/are **true** with respect to XML?
- | |
|---|
| (a) XML is platform independent.
(b) XML provides a customized tag to format and display textual information.
(c) XML allows only for data sharing within the same application.
(d) XML focuses on presenting data similar to HTML.
(e) XML is a user-defined language. |
|---|
- 47) Which of the following statement(s) is/are **true** with respect to the structure of a XML document?
- | |
|---|
| (a) XML tags are not case-sensitive.
(b) XML documents must have starting and closing tags.
(c) XML documents can have multiple root elements.
(d) The version, encoding and standalone attributes must be in that order in a XML declaration.
(e) Unlike the version attribute, encoding and standalone attributes are optional. |
|---|

48) Which of the following statement(s) is/are **true** with respect to Well-formedness and Validity of XML?

- (a) A well-formed document requires that the content be properly defined, delimited and nested.
- (b) A well-formed document requires a Document Type Definition.
- (c) A well-formed document adheres to syntax rules of XML 2.0.
- (d) XML processors that encounters a violation of well-formedness must print such errors, but may continue processing.
- (e) A valid XML document has to be well-formed as well as confirm to the Document Type Definition.

49) Which of the following statement(s) is/are **true** with respect to Document Type Definition (DTD), Namespace and Schemas of XML?

- (a) A DTD provides common rules to define the presentation of the XML data.
- (b) An external reference to a DTD may be provided in a XML document.
- (c) A Namespace is used to differentiate the elements and attributes of different document types.
- (d) A Namespace has to be scoped from the root element.
- (e) Unlike DTD, XSD is a non XML based language used to describe the structure of an XML document.

50) Which of the following is/are valid XML statement(s)?

- (a)

```
<books>
  <book>
    <title>HTML 5 Black Book</title>
    <publisher>Dreamtech</publisher>
  </book>
</books>
```
- (b)

```
<n:books xmlns:n="http://www.example1.com">
  <n:book>
    <n:title>HTML 5 Black Book</n:title>
    <n:publisher>Dreamtech</n:publisher>
  </n:book>
</n:books>
<b:books xmlns:b="http://www.example2.com">>
  <b:type>eBook</b:type>
  <b:license>Copyrighted</b:license>
</b:books>
```

Continued....

(c)

```
<books>
  <book>
    <title>HTML 5 Black Book</title>
    <publisher>Dreamtech</publisher>
  </book>
</books>
```

(d)

```
<Books>
  <Book>
    <Title>HTML 5 Black Book</Title>
    <Publisher>Dreamtech</Publisher>
  </Book>
</Books>
```

(e)

```
<n:books xmlns:n="http://www.example1.com">
  <n:book>
    <n:title>HTML 5 Black Book
    <n:publisher>Dreamtech
  </n:book>
</n:books>
<b:books xmlns:b="http://www.example2.com">
  <b:type>eBook
  <b:license>Copyrighted
</b:books>
```
