**Chapter 3: How to make a web app responsive with Bootstrap**

**Murach's ASP.NET Core MVC**

**MULTIPLE CHOICE**

1. What is the name of the tool that you can use to manage the client-side libraries for a Visual Studio project?

| a. | LibMan | c. | Bootstrap |
| --- | --- | --- | --- |
| b. | NuGet | d. | jQuery |

2. When you use the CSS classes of the Bootstrap grid system, you can specify the number of columns that an element spans

| a. | for the largest screen size | c. | for each screen size |
| --- | --- | --- | --- |
| b. | for the smallest screen size | d. | for the most common screen size |

3. The Bootstrap grid system provides all but one of the following classes. Which one is it?

| a. | **container** | c. | **col-**size**-**count |
| --- | --- | --- | --- |
| b. | **row** | d. | **cell** |

4. What is the maximum number of columns that a row can contain when you use the Bootstrap grid system?

| a. | 6 | c. | 12 |
| --- | --- | --- | --- |
| b. | 8 | d. | It depends on the screen size |

5. Within a <form> element, which of the following classes would you use to format an <input> element?

| a. | **control-form** | c. | **form-control** |
| --- | --- | --- | --- |
| b. | **control-group** | d. | **form-group** |

6. Which of the following class attributes formats the element as a button with a solid background and light text?

| a. | **class="btn-primary"** |
| --- | --- |
| b. | **class="btn btn-primary"** |
| c. | **class="btn btn-primary-outline"** |
| d. | **class="btn btn-primary-solid"** |

7. Which of the following classes would you use on a div element that contains a label and a control?

| a. | **row** | c. | **form-control** |
| --- | --- | --- | --- |
| b. | **form-group** | d. | **form-horizontal** |

8. Which of the following classes would you use to cause an image to be sized based on the size of its containing element?

| a. | **img-scale** | c. | **img-fluid** |
| --- | --- | --- | --- |
| b. | **img-scale-container** | d. | **img-fluid-container** |

9. If you want the Bootstrap table classes to work properly with an HTML table, the table must include

| a. | a thead element | c. | both thead and tbody elements |
| --- | --- | --- | --- |
| b. | a tbody element | d. | none of the above |

10. What is a jumbotron?

| a. | A large grey box with rounded corners and a large font |
| --- | --- |
| b. | A navigation bar that collapses in smaller viewports |
| c. | A dismissable context message area. |
| d. | A simple button with rounded corners |

11. Which of the following elements uses Font Awesome to display an icon?

| a. | **<span class="icon icon-primary">** |
| --- | --- |
| b. | **<span class="icon icon-primary-cart">** |
| c. | **<span class="badge badge-primary">** |
| d. | **<span class="fas fa-shopping-cart">** |

12. When a responsive navigation bar collapses in a smaller viewport, what does it typically display on its right side?

| a. | a toggler button | c. | a badge |
| --- | --- | --- | --- |
| b. | a nav item | d. | nothing |

13. Which of the following class attributes would increase the margin on the right side of the element by .5 rem?

| a. | **class="m-.5"** | c. | **class="mr-.5"** |
| --- | --- | --- | --- |
| b. | **class="m-2"** | d. | **class="mr-2"** |

14. Which of the following class attributes would increase the padding on all sides of an element?

| a. | **class="p-3"** | c. | **class="pad-3"** |
| --- | --- | --- | --- |
| b. | **class="pa-3"** | d. | **class="padall-3"** |