

18. A website allows people to buy and sell cars online.

- (a) When the site is loaded, there are pages that allow users to create an account, list their car or to search for cars. There is also a page to provide details on car leasing.

From the search page there are pages for new cars, used cars and electric cars.

Draw the navigational structure for this website.

2



* X 8 1 6 7 6 0 1 3 4 *

18. (continued)

- (b) When creating a listing to sell a car, the user must enter the age and price of the car. Cars can be listed with a price between £200 and £75,000.

The HTML code below allows the user to enter the car's age and price.

```
<form>
...
<p>Enter the age of the car:</p>
<input type="number" name="age">

<br>
<p>Enter listing price:</p>
<input type="number" name="price">
...
</form>
```

Re-write the line of HTML code to ensure that the price of the car is entered and is a valid price.

2

[Turn over



18. (continued)

- (c) When listing a car, the user has to choose between Silver or Gold packages.

The following HTML and CSS code is implemented.

HTML	CSS
<pre><h1>Listing Choice</h1> <section id="silver"> <h1>Silver Package</h1> Item 1 ... </section> <section id="gold"> <h1>Gold Package</h1> Item 1 ... </section> <div> <p>Please select</p> </div></pre>	<pre>section {width: 150px;} #silver {background-color: red; float:left; } #gold {background-color: blue; float:left; }</pre>

- (i) The intended layout is shown below.



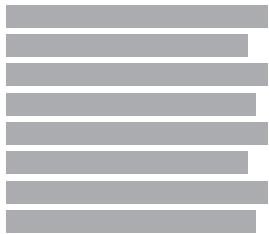
Please select one of the packages above to complete the listing of your car



* X 8 1 6 7 6 0 1 3 6 *

18. (c) (i) (continued)

When tested the text is displayed to the right instead of below.

Silver Package Gold Package

Please select one of the packages above to complete the listing of your car

Complete the CSS rule below to make this change.

1

```
div{_____}
```

- (ii) The text in both the 'Silver Package' and 'Gold Package' sections should be Arial.

Complete the CSS rule below to apply this property.

1

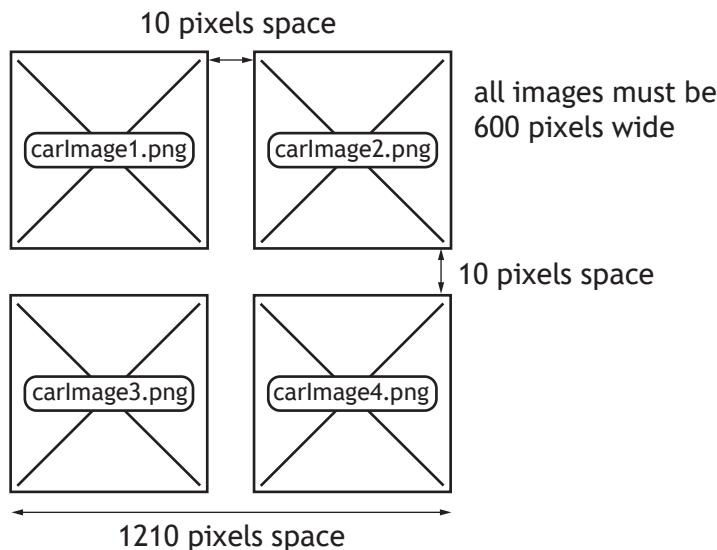
```
_____ {font-family: Arial;}
```

[Turn over]



* X 8 1 6 7 6 0 1 3 7 *

- (d) When viewing the details of a car there should be four images shown in a grid.



The HTML and CSS code below is written to implement this.

```
...
<style>
    img {width: 600px; display: block; float:left;
        margin: 10px;}
    div {width: 1210px;}
</style>
</head>

<body>
...
    <div>
        
        
    </div>

    <div>
        
        
    </div>
...

```

- (i) Explain why the code above is not fit for purpose even when the page is viewed in a full screen browser.

2



* X 8 1 6 7 6 0 1 3 8 *

18. (d) (continued)

MARKS DO NOT
WRITE IN
THIS
MARGIN

- (ii) The code from part (i) is corrected. However, during compatibility testing, users report that when viewing the site on their smartphone it still does not display as intended.

Explain why the issue may still exist when viewing the site using a browser on a smartphone.

1

- (e) An extract from one of the pages is shown below.

Thank you for visiting our site!

See you again.

If you want to know more about us please visit our social media page [here](http://instapage.com/AberCars).

The following HTML is used.

```
<p>Thank you for visiting our site!</p>
```

```
<p>See you again.</p>
```

```
<p>If you want to know more about us please visit our  
social media page
```

```
<a href = http://instapage.com/AberCars>here.</a> </p>
```

Explain why the paragraph elements appear on different lines, but the anchor element is displayed on the same line as the paragraph element.

2
