19. A new website is being designed to help teenagers and young adults apply for online learning courses.

One of the pages of the website should allow users to enter all of the following details:

- full name
- email address
- date of birth
- recent work experience
- most recent type of education — school or college or university.

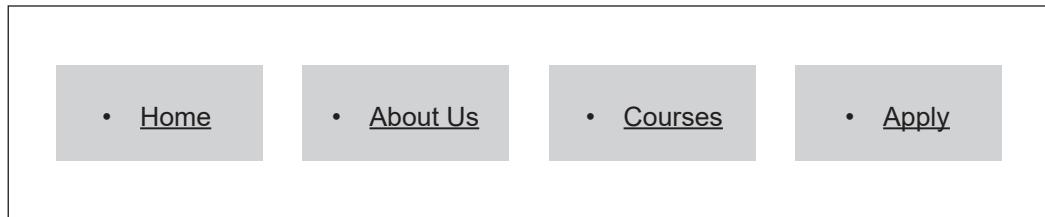(a) Using the information above, draw a wireframe design for this web page. **3**

[Turn over

19. (continued)

(b) A low-fidelity prototype for the website's navigation bar is shown below.

Some of the CSS code used to implement the navigation bar is shown below.

```
…
li {
   list-style-type: none;
   background-color: grey;
   float: left;
   color: black;
}

li a {
   display: block;
   color: grey;
   text-align: center;
   padding: 14px 16px;
}

li a:hover {
   color: white;
}
…
```

During testing, it was found that the code for the navigation bar did not produce the expected output.

(i) State two reasons why the navigation bar did not display as intended. **2**

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19. (b) (continued)

(ii) Both of the CSS rules below are used to style the web page.

CSS Rule 1	CSS Rule 2

`li a:hover {`
`    color: white;`
`}`
	`a:hover {`
	`    color: yellow;`
	`}`

Explain the difference between these two CSS rules. **2**

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(c) Compatibility testing is then carried out on the completed website. During compatibility testing a number of comments were made.

Example comment 1	Example comment 2
The layout of the pages was not as I had expected. I had to scroll a long way to reach the bottom of the page.	*Some of the expected styling did not appear on the pages when I viewed them.*

Describe two reasons why users may have different experiences when testing the same website. **2**

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