

Part A: Short Multiple Choice Questions

- | | | | | |
|------|-------|-------|-------|-------|
| 1. b | 7. a | 13. a | 19. a | 25. a |
| 2. c | 8. d | 14. b | 20. b | 26. d |
| 3. a | 9. d | 15. c | 21. a | 27. b |
| 4. c | 10. c | 16. a | 22. b | 28. c |
| 5. c | 11. d | 17. d | 23. b | 29. a |
| 6. a | 12. d | 18. c | 24. c | 30. d |

Part B: Long Multiple Choice Questions

1. A
2. D
3. C
4. D
5. B

Part C: Short Answer Questions

1.

- a) header
- b) nav
- c) main
- d) section
- e) article
- f) article
- g) section
- h) article
- i) article
- j) footer

2.

```
#image {
    float:          left;          /* select the element with the id "image" */
    width:          35%;           /* float the image to the left */
    padding:        10px 10px;     /* set the width to 35% */
    margin:         15px;          /* top and right padding = 10px */
    border-style:   solid;         /* set the margin to 15px */
    border:         1px solid;     /* set the border to solid style */
}
```

Part D: Long Answer Questions

1.

- (1) (A) Border
- (2) (C) Content
- (3) (B) Padding
- (4) (D) Margin

2.

```
style.css
a) section          /* 4 elements */
b) #section         /* 1 element */
c) .red             /* 5 elements */
d) h2.red           /* 4 elements */
e) header, p        /* 0 element */
f) footer a         /* 3 elements */
g) header footer    /* 2 elements */
```

3.

```
index.html
<!DOCTYPE html>
```

```

<html>
  <head>
    <title></title>
  </head>
  <body>
    <header>
      <h1></h1>
    </header>
    <article>
      <section>
        <h1></h1>
        <hr>
        <h1></h1>
      </section>
    </article>
    <footer></footer>
  </body>
</html>

```

4.
a) The loop iterate ... times.
b) x | i

5.
a)

```

function changetext() {
  var mainItem = document.getElementById("main");
  mainItem.innerHTML = "This is a new paragraph of text.";
}
window.onload = changetext;

```

b)

```

function changecolor() {
  var mainItem = document.getElementById("main");
  mainItem.Style.color = "green";
}
window.onload = changecolor;

```

c)

```

function hide() {
  var Item = document.getElementById("main");
  mainItem.Style.display = "none";
}
window.onload = hide;

```

Part E: Short Code Questions

1.

```

h1 {
  text-decoration: underline;
  background-color: blue;
}

.intro {
  text-indent: 2em;
  border: 1px solid black;
}

```

```
#footer {
    border: 1px solid black;
    text-align: center;
}
```

2.

```
function convertScore(score) {
    var grade = "";
    if (score >= 0 && score < 50) {
        grade = "Fail";
    } else if (score >= 50 && score < 60) {
        grade = "Pass";
    } else if (score >= 60 && score < 70) {
        grade = "Credit";
    } else if (score >= 70 && score < 80) {
        grade = "Distinction";
    } else if (score >= 80 && score <= 100) {
        grade = "High Distinction";
    } else {
        grade = "Invalid Number";
    }
    return grade;
}
```

3.

a) index.html

```
<!DOCTYPE html>
<html>
<head>
    <script src = "index.js"></script>
</head>
<body>
    <form id = "regform" method = "POST" action =
"http://www.swin.edu.au/wd/scripts/regform.php">
        <h1>Registration Form</h1>
        <p>
            <label for = "name">Name*</label>
            <input type = "text" id = "name" name = "name">
        </p>
        <p>
            <label for = "email">Email*</label>
            <input type = "text" id = "email" name = "email">
        </p>
        <p>*Required fields</p>
        <input type = "submit" value = "Submit">
    </form>
</body>
</html>
```

b) index.js

```
function validateForm() {
    var name = document.getElementById("name").value;
    var email = document.getElementById("email").value;
    var errMsg = "";
    var result = true;
    if (name == "") {
        errMsg += "Name must not be blank.\n";
    }
}
```

```
    }
    if (email == "") {
        errMsg += "Email must not be blank.\n";
    }
    if (name.length < 2) {
        errMsg += "Name must be at least two characters long.\n";
    }
    if (email.indexOf("@") < 1) {
        errMsg += "Email contains at least one @ symbol.\n";
    }
    if (errMsg != "") {
        alert(errMsg);
        result = false;
    }
    return result;
}

function init() {
    var regform = document.getElementById("regform");
    regform.onsubmit = validateForm;
}

window.onload = init;
```