



UNIVERSITI KEBANGSAAN MALAYSIA

The National University of Malaysia

PEPERIKSAAN AKHIR FINAL EXAMINATION

SEMESTER II SESI AKADEMIK 2022 - 2023

SEMESTER II ACADEMIC SESSION 2022 - 2023

IJAZAH SARJANA MUDA DENGAN KEPUJIAN

BACHELORS DEGREE WITH HONOURS

JULAI/OGOS 2023
JULY/AUGUST 2023

MASA : 2 JAM
TIME : 2 HOURS

KOD KURSUS : LMTT2553
COURSE CODE : LMTT2553

TAJUK KURSUS : PEMBANGUNAN APLIKASI WEB
COURSE TITLE : WEB APPLICATION DEVELOPMENT

ARAHAN
INSTRUCTION

1. Kertas ini mempunyai Bahagian A dan B.
This paper has Part A and B.
2. Jawab SEMUA soalan Bahagian A dalam borang OMR yang telah disediakan dengan menggunakan pensel 2B.
Answer ALL questions in Part A in the OMR form provided using a 2B pencil.
3. Jawab DUA soalan sahaja di Bahagian B dalam buku jawapan yang telah disediakan.
Answer ONLY TWO questions in Part B in the answer book provided.
4. Jumlah markah keseluruhan kertas ini 70 markah.
Total marks for this paper is 70 marks.
5. Kertas soalan tidak dibenarkan dibawa keluar dari Dewan Peperiksaan.
The exam paper is not allowed to be taken out from the Examination Hall.

No. Pendaftaran :

Matric No.

Set : _____

--	--	--	--	--	--	--	--

(dengan perkataan)/in words

Kertas soalan ini mengandungi 10 muka surat bercetak, tidak termasuk muka surat ini.

This question paper consists of 10 printed page(s), excluding this page.



CERTIFIED TO ISO 9001:2015

CERT. NO. QMS 01100

PART A (50 Marks)

Please answer ALL questions

1. The tag used to add images to the HTML document is ____
 - A. <PIC>
 - B.
 - C.
 - D. <HI>

2. What does HTML stand for?
 - A. Hyper Text Markup Language
 - B. Hyper Tool Markup Language
 - C. Hyper Type Markup Language
 - D. Hyper Tech Text Markup Language

3. Which is the correct CSS syntax?
 - A. body:color=black
 - B. {body;color:black}
 - C. {body:color=black(body)}
 - D. body {color: black}

4. You can use the same class on multiple elements.
 - A. True
 - B. False
 - C. On certain conditions
 - D. It depends

5. What is the correct HTML for inserting an image?
 - A.
 - B. <image src="image.gif" alt="MyImage">
 - C.
 - D.

6. Choose the correct HTML tag for the largest heading.
 - A. head
 - B. h1
 - C. h7
 - D. header

7. How can you open a link in a new browser window?
 - A.
 - B.
 - C.
 - D.

8. The location of an image is specified in the `img` element's _____ attribute.
- A. location
 - B. image
 - C. src
 - D. source
9. Which method is ideal for applying the same style to an entire website?
- A. Internal CSS
 - B. Inline CSS
 - C. External CSS
 - D. All of the above
10. An The page title is inside the _____ tag.
- A. body
 - B. head
 - C. Division
 - D. Title
11. Which of the following selections is the proper way to apply this CSS rule:
`.blue { color: blue }`
- A. `<p color = "blue">`
 - B. `<p class = "blue">`
 - C. `<p color = .blue>`
 - D. `<p class = .blue>`
12. In what form are CSS style rules presented?
- A. `selector { property: value }`
 - B. `selector { property= value }`
 - C. `selector (property: value)`
 - D. `selector (property= value)`
13. What selector should you use when applying a style to multiple elements?
- A. ID
 - B. Type
 - C. Class
 - D. None of the above
14. Which of the following attributes of the `` tag displays alternate text for the image?
- A. text
 - B. caption
 - C. id
 - D. alt

15. In a HTML document, where is the correct place to link with an external style sheet?
- In the <div> section
 - At the top of the page
 - In the <head> section
 - At the end of the page
16. Which of the following settings for a background image can be modified to create a "watermark" effect, where scrolling will not move the image from its set position?
- background-image
 - background-position
 - background-repeat
 - background-attachment
17. Set the list style for unordered lists to "square".

```

<style>
ul
{
  _____: _____;
}
</style>

<body>
<p> List of Social Media : </p>
<ul>
  <li>Tiktok</li>
  <li>Instagram</li>
  <li>Facebook </li>
</ul>
</body>

```

- list-type: square;
- list-style: square;
- list-type-style: square;
- list-style-type: square;

18. When the paragraph is centered, the HTML code align="center" is added to the _____ tag
- <pg>
 - <para>
 - <p>
 - <paragraph>

19. Which of the following color has this value #ff0000?
- Black
 - Yellow
 - White
 - Red

20. Which HTML tag is used to define an internal style sheet?
- A. <css>
 - B. <script>
 - C. <style>
 - D. <html>
21. How can you write an unbulleted list?
- A. <list>
 - B.
 - C.
 - D.
22. What is the correct HTML for making a hyperlink?
- A. UKM
 - B. UKM
 - C. <http:// www.ukm.my
 - D. UKM
23. Using <p> ... </p> tag will _____.
- A. start a new paragraph
 - B. create a blank line
 - C. print a page
 - D. create a new page
24. The tags _____ surround each item in a list.
- A. <item></item>
 - B. <i></i>
 - C.
 - D. <|></|>
25. What is JavaScript?
- A. JavaScript is an assembly language used to make the website interactive
 - B. JavaScript is a compiled language used to make the website interactive
 - C. JavaScript is a scripting language used to make the website interactive
 - D. None of the mentioned
26. Which of these elements are all <table> elements?
- A. <table><tr><td>
 - B. <table><head><tfoot>
 - C. <table><tr><tt>
 - D. <thead><body><tr>

27. Which of the following measurement defines measurement of font size as a percentage?
A. %
B. in
C. mm
D. px

28. In HTML, Form validation traditionally was performed by _____.
A. Javascript
B. PHP
C. HTML
D. JQuery

29. Correct HTML to left align the content inside a table cell is
A. <td left>
B. <td ralign = "left" >
C. <td align = "left">
D. <td leftalign>

30. How can you make an e-mail link?
A. <mail href +"xxx@y.com">
B.
C.
D. <mail to = "xxx@y.com">

31. How can you add space between the border and inner content of the element?
A. margin
B. padding
C. Border
D. spacing

32. How can you add CSS?
A. Using Inline Styling
B. Using Internal Style Sheet
C. Using External Style Sheet
D. In all three ways

33. Upon encountering empty statements, what does the Javascript Interpreter do?
A. Ignore the statements
B. Throw an error
C. Gives a warning
D. None of the above

34. Given `var s = "Fadilla 'Atyka";` What is the value of `s.length`?
A. 13
B. 14
C. 15
D. 16

35. What is the correct HTML for referring to an external style sheet?
- A. <link rel="stylesheet" type="text/css" href="mystyle.css">
 - B. <stylesheet>mystyle.css</stylesheet>
 - C. <style scr="mystyle.css">
 - D. <link rel="stylesheet" type="text/css" a href="mystyle.css">
36. What will be the output for the following code snippet?

```
<p id="example"></p>
<script>
function Func()
{
document.getElementById("example").innerHTML=Math.sqrt(81);
}
</script>
```

- A. Example
 - B. 9
 - C. 81
 - D. None of the above
37. Which property is used to change the font of an element?
- A. Font-family
 - B. Font-weight
 - C. Font-style
 - D. Font-color
38. How do you insert a comment in a CSS file?
- A. this is a comment
 - B. /* this is a comment */
 - C. // this is a comment
 - D. // this is a comment //
39. Which element is used for creating links in a HTML page?
- A. <a>
 - B. <p>
 - C.
 - D.

Identify the following answer below for questions 41 – 44.

- A. link
- B. vlink
- C. alink
- D. bgcolor

The <body> tag has following attributes (answer either A, B, C or D) which can be used to set different colors.

- 40. _____ - sets a color for the background of the page.
- 41. _____ - sets a color for active links or selected links.
- 42. _____ - sets a color for linked text.
- 43. _____ - sets a color for visited links - that is, for linked text that you have already clicked on.

44. Who is making the Web standards?

- A. Mozilla
- B. Microsoft
- C. The World Wide Web Consortium
- D. Netscape

45. What will be the output of the following code snippet?

```
var a = 1;
var b = 0;
while (a <= 3)
{
    a++;
    b += a * 2;
    print(b);
}
```

- A. 4
- B. Errors thrown
- C. 4 10 18
- D. 0 1 2

46. Which CSS style property controls the manner in which elements overlap each other?

- A. position: absolute
- B. overflow
- C. z-index
- D. overlap

47. What will be the output of the following JavaScript code?

```
<p id="demo"></p>
<script>
document.getElementById("demo").innerHTML = typeof "John"
</script>
```

- A. integer
- B. String
- C. Number
- D. error

48. Which of the following statement define an array in JavaScript?

- A. It is an ordered list of values
- B. It is an ordered list of objects
- C. It is an ordered list of string
- D. It is an ordered list of functions

49. Which of the following methods displays a dialog box with OK and Cancel buttons and waits for a response?

- A. window.alert()
- B. window.confirm()
- C. window.prompt()
- D. window.open()

50. Which of the following methods can be used to display data in HTML output using Javascript?

- A. window.alert()
- B. document.write()
- C. console.log()
- D. none of the above

SECTION B (20 Marks)

Please answer **ONLY TWO** questions

QUESTION 1 (10 Marks)

- a) Draw the three-tier architecture of web applications and explain each of the components briefly.

[6 marks]

- b) What is URL? Explain the purpose of URL in brief.

[2 marks]

- c) World Wide Web Consortium (W3C), puts together specifications for Web standards. List only four (4) W3C standards.

[2 marks]

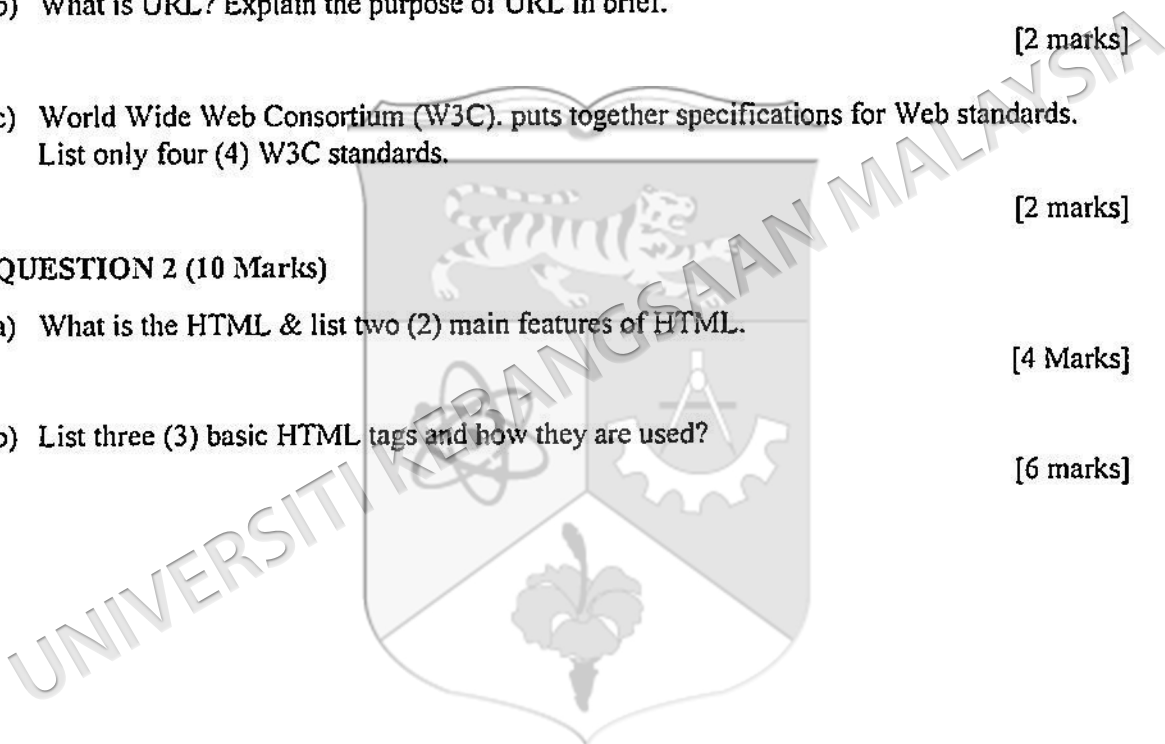
QUESTION 2 (10 Marks)

- a) What is the HTML & list two (2) main features of HTML.

[4 Marks]

- b) List three (3) basic HTML tags and how they are used?

[6 marks]



QUESTION 3 (10 Marks)

- a) Write a CSS style specification rule that would make all unordered lists (tags) have square bullets and a purple background.

[2 marks]

- b) Write a rule that would make all other paragraphs appear in 12-point font.

[2 marks]

- c) Following code contains three errors. Identify the places by circling where the error is and write down what should be the correct code.

- a. <!DOCTYPE html>
 b. <html>
 c. <head>
 d. <title>Centering Different Elements</title></head>
 e. <body style="margin: 50px">
 f. <section>
 g. <link href="centerstyle.css" type="text/css" title="center"/>
 h. <h2>Centering Different Elements</h2>
 i. <p>Resize the window and see how each of these elements centers.
 j. </p>
 k. <h3 class="center">My Title
 l. <p class="center">Topic of the Day</p>
 m. <p tyle="text-align:center; font-weight:bold">Announcemenet</p>
 n. <p class="center">
 o.
 p. </p>
 q. </section>
 r. </body>
 s. </html>

[6 marks]

"GOOD LUCK"