Names:..............................

Index number:..............................

TVET NATIONAL EXAMINATIONS, RTQF LEVEL 5, 2020-2021

QUESTIONS and ANSWERS BOOKLET

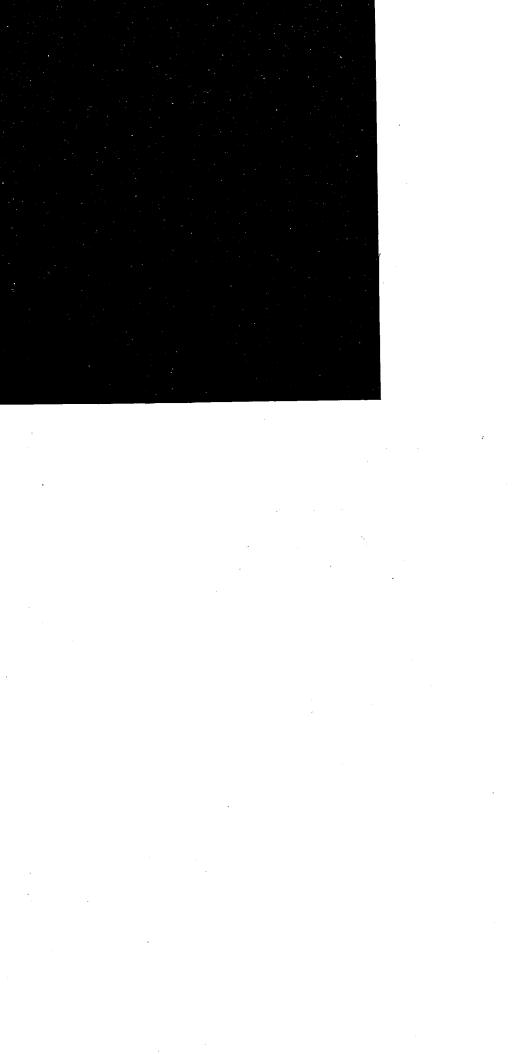OPTION/ TRADE : **SOFTWARE DEVELOPMENT**

SUBJECT : **WEBSITE DEVELOPMENT**

ACADEMIC YEAR: **2020-2021**

Read carefully the instructions on page (i) & (ii).

FOR EXAMINER'S USE ONLY

QUESTIONS	1	2	3	4	5	6	7	8	9	10	Total
Marks											

QUESTIONS	11	12	13	14	15	16	17	18	19	20	Total
Marks											

QUESTIONS	21	22	23	24	25	26	27	28	29	30	Total
Marks											

TVET NATIONAL EXAMINATION, RTQF LEVEL 5, 2020-2021

INSTRUCTIONS TO CANDIDATES: PART I (Answer Booklet)

1. A candidate should fill in the actual names and the index number on the cover of this questions and answer booklet on the provided place (Black Box).

2. It is illegal for a candidate to write any of his/her names, index number or a school name inside the answer booklet.

3. A candidate should check if all pages of the answer booklet are complete. No candidate should remove or tear any pages or part of it from the answer booklet.

4. A candidate should answer in the language in which the examination is set. (See page *(ii)*)

5. A candidate should sign on the sitting plan when submitting the answer booklet. He/she has also to check if the answer booklet is well sealed.

6. No extra paper is allowed in the examinations room. If a candidate is caught with it his/her results will be nullified.

7. No candidate is allowed to write answers not related to the subject being sat for, otherwise it will be considered as a cheating case.

8. Write your answers on the 12 lined pages (From page 1 of 12 to page 12 of 12).

9. Use the last non-lined pages as draft.

10. Results for any candidate who is caught in examination malpractices are nullified. The cheating can be recognized during examinations administration, marking exercise or even thereafter.

TVET NATIONAL EXAMINATION, RTQF LEVEL 5, 2020-2021

OPTION/TRADE: SOFTWARE DEVELOPMENT

Subject: Website Development

DURATION: 3 hours

INSTRUCTIONS TO CANDIDATES: PART II (Question paper)

The paper is composed of two (2) Sections as follows:

Section I: Attempt all the Twelve (12) questions   **(60 marks)**

Section II: Attempt any Four (4) questions out of Six (6)   **(40 marks)**

Allowed materials:

- Ruler or square
- Calculator

Note:

Every candidate is required to carefully comply with the provided assessment instructions.

Section I : Attempt all the Twelve (12) questions   **(60 marks)**

01. Define the following words: **(5 marks)**

    a) Webpage

    b) Website

    c) Page layout

    d) Web browser

    e) Hyperlink

02. What are the basic tools needed to build static and dynamic website?

        (5 marks)

03. Explain web browser and state any four (4) examples of web browser

        (5 marks)

04. To validate a form or code validation, we need different tools available

online. Give the tool used by: **(5 marks)**

    a) CSS validation

    b) HTML/XHTML validation

    c) Link validation

    d) WAI standard (accessibility) validation.

05. Write an HTML code to form a table to show the below values in a

tabular form with heading as Roll No., Student name, Subject Name,

and values as:

    1. Ram, Physics

    2. Shyam, Math

    3. Murli, Chemistry   **(5 marks)**

06. Which one from the following is a correct hierarchy of html opening and closing tags?

A. <table><tr><td>Very Good</tr></td></table>

B. <html><title><body>Hello World</body></title></html>

C. <table><tr><td>Very Good</td></tr></table>

D. All are correct.

07. Produce html code that provides the below information: **(5 marks)**

Bold Text,

Italic Text,

Underlined Text,

~~Strike through Text,~~

08. Html tags are divided into two (2) types. Explain those types. **(5 marks)**

09. a) How to insert the copyright symbol in the HTML file?

b) Give two (2) main parts of an attribute.   **(5 marks)**

10. What is the difference between banners and navigation during website development stage?   **(5 marks)**

11. What is the difference between HTML elements and tags?

12. Explain images graphic File formats   **(5 marks)**

Section II: Attempt any Four (4) questions out of Six (6)   (40 marks)

13. When you design a website, you need HTML tags and CSS.

    a) What is the importance of CSS in your website?

    b) Explain different types of CSS to be used when you develop your website.

14. Give ten (10) reasons your site may be loading slowly.   **(10 marks)**

15. Observe carefully the following form. Write the HTML and CSS codes to generate the same information.   **(10 marks)**

N°	Name	Email	%
		LEVEL 4 SOD	
1	Smith	cyuzuzosm@gmail.com	
2	Santh	san@gmail.com	
3	CHOMOLA	isaie@gmail.com	

16. What do the following tags mean in web design?   **(10 marks)**

    a. <HTML>......</HTML>

    b. <TITLE>.......</TITLE>

    c. <BODY>......</BODY>

    d. <I>..............</I>

    e. _{.........}

17. Analyze the following HTML Code, and give Output.   **(10 marks)**

```html
<html>
<head>
<title>Website development</title>
</head>
<body>
<center><h2><i><u>Fill the Student
information:</u></i></h2></center>
<table border='1' width=40% height=40% align="center">
<form action="#" method="POST">
<tr><td align="center"> <i>Enter your First Name:</i></td>
<td align="center"><input type="text" name="fname"></td></tr>
<tr><td align="center"><i>Enter your Last Name:</td>
<td align="center"><input type="text" name="lname"></td></tr>
<tr><td align="center"> <i>Enter your Class:</td>
<td align="center"><input type="text" name="class" placeholder="L4
SFD"></td></tr>
<tr> <td align="center"><i>Sex(Gender):</td>
<td align="center"><input type="radio" value="female"> Female
<input type="radio" value="male"> Male </td></tr>
<tr><td colspan=2 align="center"><input type="submit" value="Save">
<input type="reset" value="Cancel">
</td> </tr> </body> </html>
```

18. After explaining Bootstrap, describe its key components.   **(10 marks)**