

HIGHER SECONDARY FIRST YEAR
PUBLIC EXAMINATION MAY 2022
COMPUTER APPLICATIONS ANSWER KEY

PART-I

Answer All the Questions

MARKS-15

Q. NO	OPTION	ANSWER
1	c	RAM
2	c	D
3	d	All the above
4	a	Edit
5	b	Title bar
6	c	Alphabet
7	b	World Wide Web Consortium
8	b	/
9	c	Nested List
10	a	Img
11	b	;
12	d	Alert Dialog box
13	b	Branching
14	c	Library functions
15	a	Ezhil

PART-II

Answer any six questions. Question no 24 is compulsory

6x2=12

16.	The ALU performs arithmetic operations such as addition, subtraction, multiplication, division and logical operations	2
17.	<ul style="list-style-type: none"> ➤ Google ➤ Yahoo ➤ Bing 	2
18.	The icons which are available on desktop by default while installing Windows OS are called standard icons.	2
19.	<ul style="list-style-type: none"> • A presentation program is a software package used to display information in the form of a slideshow. • It has three major functions: an editor that allows text to be inserted and formatted, a method for inserting and manipulating graphic images, and a slide-show system to display the content. 	2
20.	The CC (Carbon Copy) field allows you to specify recipients who are not direct addressees. The BCC (Blind Carbon Copy) field is similar to CC , except the recipients are secret	2
21.	<ul style="list-style-type: none"> ➤ The <hr> (Horizontal Rules) tag, which is known as “Thematic Breaks” separate sections of an HTML document visually. ➤ It produces a horizontal line spread across the width of the browser. ➤ This is an empty tag, which means the tag has no closing tag 	2
22.	GIF (Graphical Interchange Format) JPEG (Joint Photographic Experts Group) PNG (Portable Network Graphics) SVG (Scalable Vector Graphics)	2
23.	Link rel = “stylesheet” type = “text/css” href = CSS_File_Name_with_Extension>	2
24.	$(65)_{10} = (1000001)_2$	2

29	<ul style="list-style-type: none"> • The Transmission Control Protocol to transmit data via various types of media. • The internet protocol (IP) addressing system is used to keep track of the millions of users 	3
30	<p>The five core tags used to create a table in HTML are,</p> <ul style="list-style-type: none"> ❖ <table> tag is used to create a table. ❖ <tr> tag defines table rows ❖ <th> tag defined table columns ❖ td> tag is used to specify the data in a cell ❖ <caption> tag defines title for the table 	3
31.	<ul style="list-style-type: none"> ❖ The important attributes used with the <form> tag are method and action attributes. ❖ Method ❖ The method attribute is used to identify how the form element names and values will be sent to the server. ❖ The get method will append the names of the form elements and their values to the URL. ❖ The post method will send the names and values of the form elements as packets. ❖ Action ❖ The action attribute identifies the server side program or script that will process the form. ❖ The action will be the name of a Common Gateway Interface (CGI) program written in programming languages like Perl, JavaScript, PHP or ASP. 	3
32.	<ul style="list-style-type: none"> • In JavaScript there are times when the same portion of code needs to be executed many times with slightly different values is called Loops. • JavaScript supports three kinds of looping statements. They are <ul style="list-style-type: none"> ▪ for loop ▪ while loop ▪ do...while loop 	3
33.	<ul style="list-style-type: none"> ➤ Pre-defined functions are already defined in the JavaScript library which are also called Library functions. ➤ For example isNaN(), toUpperCase(), toLowerCase(), length(), alert(), prompt(), write() etc., are pre-defined functions <p>Explain any 3 functions</p>	3

PART-IV

Answer all questions.

5x5=25

34 a)	First Generation 1940-1956 Second Generation 1956-1964 Third Generation 1964-1971 Fourth Generation 1971-1980 Fifth Generation 1980 –till date Sixth Generation In future Explain the generations	Vacuum Tubes Transistors IC Microprocessor ULSI	2 3
b)	<ul style="list-style-type: none"> ➤ Auto Spellcheck option checks each word as it is typed and displays a wavy red line under any misspelled word. ➤ Once the word is corrected, the red wavy line disappears. ➤ This can be done by clicking the Auto Spellcheck icon Explanation	2 3	
35.a)	<ul style="list-style-type: none"> ➤ Read Only Memory refers to special memory in a computer with pre-recorded data at manufacturing time which cannot be modified ➤ Once the data has been written onto a ROM chip, it cannot be modified or removed and can only be read. ➤ ROM is called as a non-volatile memory PROM,EPROM,EEPROM Explanation	1 ½ 3 ½	
b)	<ul style="list-style-type: none"> • Headings are used to include titles to sections of a web page. • HTML has six levels of headings viz. <h1> to <h6>. • The number with h indicates the level of heading. • Header tags are display the body text as bolder and larger in size according to its level. The syntax of heading tags: <h...> Heading text </h...> Any example	3 2	

36.a)	<ul style="list-style-type: none"> The Distributed Operating System is used to access shared data and files that reside in any machine around the world. The user can handle the data from different locations. The users can access as if it is available on their own computer. <p>Advantages(any 3 points)</p>	<p>2</p> <p>3</p>
b)	<p>(i) :</p> <p>It is used to define important text by displaying the text as bold.</p> <p>(ii):</p> <p>The tag is used to emphasize the text. That means, the text will be in italics.</p> <p>(iii)<mark></p> <p>The <mark> tag is used to highlight the text in HTML.</p> <p>(iv)<hr></p> <p>The <hr> (Horizontal Rules) tag, which is known as “Thematic Breaks” separate sections of an HTML document visually</p> <p>(v)<sub></p> <p>A Subscript is a way to display a character or a number below the normal line of type.</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>
37.a)(i)	$(255)_{10} = (11111111)_2$ $(255)_{10} = (377)_8$ $(255)_{10} = (FF)_{16}$	2 ½
(ii)	$(126)_{10} = (1111110)_2$ $(126)_{10} = (176)_8$ $(126)_{10} = (7E)_{16}$	2 ½
b.	<ul style="list-style-type: none"> Unordered List 	

	<ul style="list-style-type: none"> • Ordered List • Definition List Explanation Any Example	3 2
38.a)	arithmetic Operators JavaScript supports all the basic arithmetic operators like addition (+), subtraction (-), multiplication (*), division (/), and modulus (%), also known as the remainder operator). Any example Coding	3 2
b.	Malware Harvesting Spam Explanation	2 3

Created by,
 E.RAJKUMAR M.C.A.,B.Ed,
 PG COMPUTER SCIENCE
 Tenkasi district
 Mobile No:9488301812