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SSC-I NATIONAL BOOK FOUNDATION FBISE

COMPUTER SCIENCE TEST - UNIT 3: PROGRAMMING FUNDAMENTALS

Name:		Roll No.		Section:

Total Time: 2:30 Hour
Time Allowed: 150 Minutes

Total Marks: 150

PAPER OBJECTIVE
SECTION-A (MARKS 150)

NOTE: Section-A is compulsory. All parts of this section are to be answered on these pages and handed over to the center superintendent. Deleting / overwriting is not allowed. Do not use lead pencil.

Q.1 Fill the relevant bubble for each part. All parts carry one mark.

Questions	A	B	C	D	A B C D
1. WWW stands for:	World Wired Web	Web Wide World	World Wide Web	Wide World Wireless	○○●○
2. The primary language used for basic website development is:	Python	C++	SQL	HTML	○○○●
3. HTML stands for:	Hyper-Text Markup Language	High Text Machine Language	Hyper Transfer Markup Language	Home Tool Markup Language	●○○○
4. A document that exists and is accessible through the Internet is a:	webpage	website	server	browser	●○○○
5. A set of webpages is called a:	webpage	website	tag	URL	○●○○
6. The accessible address of a document on the Web is its:	HTML	URL	CSS	DOM	○●○○
7. URL stands for:	Universal Resource Locator	Uniform Rapid Link	Universal Route List	Unique Resource Line	●○○○
8. A service that seeks relevant information based on keywords is a:	compiler	search engine	server	router	○●○○
9. Google is an example of a:	web application only	search engine	programming language	operating system	○●○○
10. A program that runs via a browser by remotely accessing a server is a:	desktop application only	web application	compiler	assembler	○●○○
11. A website whose contents remain the same for every visitor is:	static	dynamic	interactive	animated	●○○○
12. After a static website loads, the link to the server is:	always required	required for scripts	no longer required	deleted	○○●○
13. A website whose content changes according to user input is:	static	plain	dynamic	offline	○○●○
14. Static websites are generally:	very difficult to create	easy to create	impossible to host	always interactive	○●○○

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Questions	A	B	C	D	A B C D
15. A dynamic website can show customised data after:	printing	shutting down	logging in	compiling	○○●○
16. The front-end of a website is developed using HTML, CSS and:	SQL only	assembly	COBOL	JavaScript	○○○●
17. Which language defines the content of a webpage?	CSS	Pascal	HTML	FORTRAN	○○●○
18. Which language handles the look and presentation of a webpage?	HTML	Assembly	CSS	SQL	○○●○
19. In HTML, characters between angle brackets are called:	variables	loops	comments	tags	○○○●
20. HTML tags are enclosed in:	(and)	{ and }	[and]	< and >	○○○●
21. An end tag in HTML is identified by a:	backslash (\)	hash (#)	dollar ($)	forward slash (/)	○○○●
22. The tag pair used for a paragraph is:		 </br>		<tr></tr>	●○○○
23. Anything written between the <html> tag pair is recognised as a:	HTML document	CSS file	JavaScript file	database	●○○○
24. The main part of the HTML document is the:	title only	body	link	comment	○●○○
25. The HTML tag that contains the page's visible content is:	<head>	<title>	<meta>	<body>	○○○●
26. The title of a webpage appears in the:	browser's title bar	body text	image	footer only	●○○○
27. The tag used for a line break is:	<lb>	 	<break>	<hr>	○●○○
28. How many levels of headings does HTML have?	3	4	6	10	○○●○
29. The largest heading in HTML is:	<h6>	<h3>	<head>	<h1>	○○○●
30. The smallest heading in HTML is:	<h1>	<h6>	<h3>	<head>	○●○○
31. A second-level heading is written as:	...	...	...	<head>...</head>	●○○○

Questions	A	B	C	D	A B C D
32. The tag used to make text bold is:	<b>	<i>	<u>	 	●○○○
33. The tag used to make text bold and strong is:		<i>		<small>	○○●○
34. The tag used to put text in italics is:	<b>	<u>	 	<i>	○○○●
35. The tag used for emphasis with italics is:		<small>		<sup>	○○●○
36. The tag used for superscript is:	<sub>	<small>	<b>	<sup>	○○○●
37. The tag used for subscript is:	<sub>	<sup>	<small>	<i>	●○○○
38. The tag used for smaller text such as a footnote is:	<small>	<big>	<b>	<h1>	●○○○
39. The tag is used to apply styles to:	a single character only	a video only	a heading only	a set of lines or section	○○○●
40. The tag is used to style:	a full page	a table	a part of a line	a video	○○●○
41. An unordered list in HTML uses:		only		<dl>	○○●○
42. An ordered list in HTML uses:		<tr>	<td>		○○○●
43. Each item in a list is placed in:		<tr>	<td>	<p>	●○○○
44. Bullets in an unordered list can be circle, square or:	arrow	star	disc	line	○○●○
45. An ordered list can use numerals or:	bullets only	symbols only	images only	alphabets	○○○●
46. The tag used to create a table is:	<tab>	<tr> only	<table>	<tbl>	○○●○
47. In an HTML table, a row is defined by:	<td>	<th>		<tr>	○○○●
48. In an HTML table, a header cell is defined by:	<td>	<tr>	<th>		○○●○

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Questions	A	B	C	D	A B C D
49. In an HTML table, a data cell is defined by:	<th>	<td>	<tr>	<table>	○●○○
50. The first row of a table is generally the:	header row	footer row	data row	link row	●○○○
51. A hyperlink in HTML is created using the:	<link> tag only	<a> tag	<img> tag	<p> tag	○●○○
52. The attribute that gives the address in a hyperlink is:	src	href	alt	type	○●○○
53. In <a href="url">, "url" is the:	text of the link	address of the destination	colour of the link	tag name	○●○○
54. The value of target that opens a link in a new tab is:	_self	_top	_blank	_new	○○●○
55. The value of target that opens a link in the same tab is:	_blank	_new	_self	_same	○○●○
56. Hyperlinks can be attached to:	only text	only images	text and images	only tables	○○●○
57. The mouse pointer on a hyperlink:	disappears	becomes a bomb	changes its shape	becomes larger always	○○●○
58. The tag used to add a video clip to a website is:	<movie>	<media>	<video>	<clip>	○○●○
59. In the <video> tag, the attribute that shows play/pause and volume controls is:	autoplay	muted	loop	controls	○○○●
60. The attribute that starts a video automatically as the page loads is:	controls	src	autoplay	type	○○●○
61. The attribute that mutes a video until unmuted manually is:	loop	controls	width	muted	○○○●
62. The attribute that keeps a video playing again and again is:	muted	controls	height	loop	○○○●
63. The width and height of a video are given in:	pixels	bytes	kilobytes	seconds	●○○○
64. The most commonly supported video format among browsers is:	exe	mp4	docx	txt	○●○○
65. The video source is specified using the:	<link> tag	<source> tag	<style> tag	<body> tag	○●○○

Questions	A	B	C	D	A B C D
66. The DOM stands for:	Document Object Model	Data Object Method	Digital Object Model	Document Option Mode	●○○○
67. In HTML, every file is interpreted as a:	database table	network ring	binary file	DOM tree	○○○●
68. HTML is a:	machine language	assembly language	database language	tag-based language	○○○●
69. HTML files can be written in simple text editors like:	Photoshop only	Notepad	Excel only	Paint	○●○○
70. HTML files are saved with the extension:	.exe	.html	.doc	.mp3	○●○○
71. A webpage is viewed using a:	compiler	assembler	spreadsheet	web browser	○○○●
72. Examples of web browsers include Chrome and:	Notepad	Excel	Firefox	Paint	○○●○
73. CSS stands for:	Computer Style System	Cascading Style Sheets	Creative Style Sheets	Colourful Style Syntax	○●○○
74. CSS is a:	programming language only	database	stylesheet language	operating system	○○●○
75. CSS controls the:	logic of a database	internet speed	hardware of a computer	look and presentation of webpage components	○○○●
76. The tag pair used to write embedded CSS is:	<script>	<style>	<css>	<link> only	○●○○
77. Borders of a table can be given using:	JavaScript only	SQL	assembly	CSS	○○○●
78. In CSS, text-align: center is used to:	make text bold	underline text	centre the text	hide text	○○●○
79. The CSS property used to set the colour of text is:	color	font-size	border	margin	●○○○
80. The CSS property used to set a background picture is:	text-align	border	background-image	height	○○●○
81. In CSS, background-attachment: fixed means the background image:	moves with the content	disappears	stays fixed when the page scrolls	repeats twice	○○●○
82. In CSS, background-attachment: local means the background image:	stays fixed	is hidden	is blurred	moves with the element's content	○○○●

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Questions	A	B	C	D	A B C D
83. How many ways are there of using CSS styles in an HTML webpage?	two	three	four	five	○●○○
84. Writing a style directly in an HTML tag using the style attribute is:	embedded CSS	inline CSS	external CSS	remote CSS	○●○○
85. Outlining all styles in the head under a <style> tag is:	inline CSS	external CSS	remote CSS	embedded (internal) CSS	○○○●
86. A separate file with the .css extension linked to the HTML file is:	inline CSS	external CSS	embedded CSS	local CSS	○●○○
87. The extension of an external style file is:	.css	.html	.js	.exe	●○○○
88. An external CSS file is attached in the head using the:	<style> tag	<body> tag	<a> tag	<link> tag	○○○●
89. External CSS is mostly used in:	only tiny pages	large projects	only emails	only videos	○●○○
90. The benefit of embedded CSS is that a change in one line is reflected:	throughout the respective components	in no component	only in one tag	only in the title	●○○○
91. Which is the best way to style many webpages with the same look?	Inline CSS on every tag	No CSS	External CSS	Only HTML	○○●○
92. JavaScript is mainly used in development of:	operating systems	hardware chips	printers	web pages and scripts	○○○●
93. JavaScript is used at the:	only server end	power supply	client end	printer end	○○●○
94. JavaScript code is embedded in HTML using the:	<style> tag	<link> tag	<script> tag	<body> only	○○●○
95. JavaScript code can be placed:	only in the title	anywhere inside an HTML file	only in the footer	only in a table	○●○○
96. The function used to display text on a webpage is:	document.write()	print.page()	show.text()	write.html()	●○○○
97. In JavaScript, single-line comments start with:	##	//	**	<!	○●○○
98. The JavaScript function that displays a pop-up message box is:	write()	alert()	popup()	display()	○●○○
99. Code like onclick runs when the user:	clicks a button	shuts the PC	prints a file	scans a page	●○○○

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Questions	A	B	C	D	A B C D
100. onclick is an example of an:	event	array	loop	variable	●○○○
101. A variable is an entity that stores a:	value for later use	printed page	network cable	CPU	●○○○
102. Basic values that a variable in JavaScript can hold are number, string and:	Video	Image only	Table	Boolean	○○○●
103. A Boolean value is either:	0 to 9	a to z	yes or maybe	true or false	○○○●
104. A set of characters in JavaScript is called a:	string	number	array	Boolean	●○○○
105. A variable name in JavaScript cannot start with a:	letter	number	underscore	dollar sign	○●○○
106. JavaScript is:	not case sensitive	only uppercase	case sensitive	only lowercase	○○●○
107. In JavaScript, "reward" and "Reward" are:	the same variable	errors only	two different variables	keywords	○○●○
108. The keyword used to declare a variable in JavaScript is:	var	dim	int only	variable	●○○○
109. In JavaScript, a variable must be declared and given a value before it is:	deleted	used	typed	printed	○●○○
110. The sequence of instructions in a program:	does not matter	is random	matters	is optional	○○●○
111. A statement used to take decisions in programming is:	for loop	array	function	if statement	○○○●
112. A selection statement executes code when a:	loop ends	page loads	file is saved	condition is met	○○○●
113. Operators like >, < and == in JavaScript are:	arithmetic operators only	comparison operators	logical gates	string operators	○●○○
114. The operator that checks if two values are equal is:	=	=>	!	==	○○○●
115. The operator for "greater than or equal to" is:	=>	>=	><	=<	○●○○
116. The operator for "not equal to" is:	!=	==	=!	<>	●○○○

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Questions	A	B	C	D	A B C D
117. The structure with more than two possibilities is:	a single if	a for loop	a function	if-else if-else	○○○●
118. The "else" part handles:	any condition not covered earlier	the first condition only	the loop	the variable	●○○○
119. A statement that repeats code a number of times is a:	variable	loop	comment	tag	○●○○
120. A "for loop" uses an index, a terminating condition and:	a link	a title	a step size	an image	○○●○
121. The loop for(i = 0; i < 10; i = i + 1) runs how many times?	10	9	11	1	●○○○
122. The loop for(i = 1; i <= 5; i++) runs how many times?	5	4	6	1	●○○○
123. In for(i = 0; i < 10; i++), the last value of i inside the loop is:	10	0	1	9	○○○●
124. In the loop for(i = 0; i < 10; i = i + 1), the step size is:	1	10	0	2	●○○○
125. A loop inside another loop is called a:	infinite loop only	nested loop	for loop only	function	○●○○
126. An outer loop runs 3 times and an inner loop runs 4 times each. Total inner iterations are:	12	7	3	4	●○○○
127. Nested loops are used to print:	only one number	mathematical tables	only one letter	nothing	○●○○
128. An array holds a number of:	homogeneous elements	different variables only	loops	images only	●○○○
129. The index of the first element of an array is:	0	1	−1	10	●○○○
130. An array with 5 elements has indexes from:	1 to 5	0 to 4	0 to 5	1 to 4	○●○○
131. Arrays avoid the need to define:	multiple variables of the same type	any variable	loops	functions	●○○○
132. A set of lines that can be called again and again is a:	variable	function	string	comment	○●○○
133. Functions reduce:	the number of users	rewriting of the same code	the size of the screen	the speed	○●○○

Questions	A	B	C	D	A B C D
134. Values passed to a function are called:	arguments	loops	tags	events	●○○○
135. A function can return a:	tag	title	value	border	○○●○
136. The function calcBill(bill, amount_rcvd) subtracts bill from amount received and:	prints nothing	deletes the bill	is a loop	returns the result	○○○●
137. If bill = 450 and amount received = 500, calcBill returns:	950	450	5	50	○○○●
138. Locating an error or bug in code is called:	compiling	formatting	debugging	hosting	○○●○
139. An error in a program is called a:	tag	loop	array	bug	○○○●
140. A dynamic website can be created using JavaScript along with HTML and:	COBOL	FORTRAN	CSS	Excel	○○●○
141. A function called on a button click that prints index in descending order is an example of:	dynamic content	static content	CSS only	HTML comment	●○○○
142. For a school to display each student's result, a better solution is a:	separate static page per student	printed notice only	dynamic website	poster	○○●○
143. HTML, CSS and JavaScript are used for:	front-end development	back-end only	hardware design	chip design	●○○○
144. Back-end development requires:	no skill	more knowledge and skill	only HTML	only CSS	○●○○
145. The tool used to run and debug code in the book is:	Visual Studio	Microsoft Paint	Notepad only	Calculator	●○○○
146. JavaScript was designed to make web pages:	plain	offline only	dynamic	slow	○○●○
147. Which tag pair holds JavaScript code?	<style></style>	<head></head> only	<title></title>	<script></script>	○○○●
148. Which is a correct HTML comment?	// comment	/* comment */	# comment	<!-- comment -->	○○○●
149. In HTML, the tag for an image is:	<img>	<image>	<pic>	<photo>	●○○○
150. The attribute of <img> that gives the image file is:	href	src	type	alt only	○●○○

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