

BOARD OF SECONDARY EDUCATION, MANIPUR
SCORING KEY FOR H.S.L.C. EXAMINATION 2020
Subject : **COMPUTER SCIENCE**

SL	KEY	Mark for each point	Total Marks
1	A database management system is a software package that allows us to perform various functions such as creating, modifying, deleting and inserting data in a database.	1	1
2	- type www.google.com in the address bar and press enter	1	1
3	Web browsers are software packages that display web pages containing text, graphics, audio and videos files, and link to various other web pages.	1	1
4	An URL is a web addressing scheme that gives the exact location of a document on the World Wide Web.	1	1
5	The default value of the Font tag's SIZE attribute is 3.	1	1
6	A loop that repeat indefinitely and never terminate.	1	1
7	- Roll field would be chosen as the primary key. - it is the only key that can be used to uniquely identify each row of the table	1 1	2
8	i. Open the web page in the browser. ii. Select bookmarks and choose Bookmark This Page option.	1 1	2
9	i. Google ii. Lycos	1 1	2
10	i. Cc stands for Carbon copy whereas Bcc stands for Blind Carbon Copy. ii. Carbon copy (Cc) recipients are visible to all other recipients whereas Blind Carbon copy (Bcc) recipients are not visible to anyone.	1 1	2
11	- huge and take a long time to download - it's the only way to spread virus	1 1	2
12	- Pointer hold the address of variables. - Since addresses are always whole numbers, pointer would always contain whole numbers.	1 1	2
13	Odd numbers. ***** 1-- > 3 -- > 5 -- > 7 -- > 9	1 1	2
14	a) A database administrator can ensure that access to database is only through permission of authority. - Different users may be assigned different level of authorities, some may read and view the data while other may delete or update the data.	1 1	3
	b) will lose the ability to perform mathematical calculations with the data.	1	

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15	<p>A modem is a computer peripheral that allow us to connect and communicate with other computers via telephone line.</p> <p>Two e-commerce sites in India are:</p> <p>i. www.amazon.com</p> <p>ii. www.flipkart.com</p>	1 1 1	3
16	<p>- The BGCOLOR attribute of the BODY tag is used to set the background colour of a web page.</p> <p>- The BACKGROUND attribute is used to set the background of a web document to an image specified by an URL.</p> <p>- The TEXT attribute is used to set the colour of the normal text in the web document.</p>	1 1 1	3
17	<p>a) <SUB> tag is used to display a character or text as a subscript whereas <SUP> tag is used to display a character or text as a superscript.</p> <p>b) - An empty tag has only the ON tag or Open tag whereas a container tag has both ON and OFF tag.</p> <p>-
 is an empty tag whereas <BODY></BODY> is a container tag.</p>	1 1 1	3
18	<p>a) - Value of sum = 12 - Value of i = 3</p> <p>b) N>='a' &&N<='z'</p>	1 1 1	3
19	<p>a) -
 is an empty tag whereas <P> is a container tag. -
 insert a single carriage return or break into a document <P> also insert a break into a document but with an extra space in the beginning.</p> <p>b) - ALINK defines the colour of the link as it is being clicked whereas VLINK defines the colour of the link after it has been visited. -The default color of ALINK is red whereas that of VLINK is purple.</p>	1 1 1 1	4
20	<p>a) </p> <p>b) <HR COLOR="RED" ALIGN="CENTER"></p>	2 2	4

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21	<p>a) - In while loop the test condition appears at the start of the loop whereas in do-while loop the test condition appears at the end of the loop.</p> <p>- In while loop the statements inside the block is not executed at all if the condition at the first iteration evaluates to false whereas in do-while loop the statements inside the block are executed at least once even if the condition evaluates to false at the first iteration.</p> <p>b) - An array is a collection of homogenous data type whereas a structure is a collection of heterogeneous data type.</p> <p>- Array members are accessed using ([]) subscripts whereas structure members are accessed using (.) dot operator.</p>	1 1 1 1	4
22	<p>a) We should not avoid using goto statement because it often leads to spaghetti and unmanageable code.</p> <p>b) <pre>int num; scanf("%d",&num); switch(num){ case 10: printf("Ten");break; case 9 : printf("Nine");break; default: printf("None"); }</pre></p>	1 1 1 1	4
23	<pre>#include<stdio.h> int fact(int a) { if(a=1 a=0) return 1; else return a * fact(a-1); } int main(){ int n,f; printf("\n\tEnter any number: "); scanf("%d",&n); f = fact(n); printf("\n\tThe factorial of %d is %d.",n,f); }</pre>	1 1 1 1	4
24	<ul style="list-style-type: none"> - Login into Rediffmail.com - Click on the attachment button in the Compose Window - Enter "D:\Notes.doc" in the filename textbox. - Click on the attach button wait for the attachment process to complete and press Done button - Type uttam@Rediffmail.com in the To textbox and Click Send button - 	1 1 1 1 1	5
25	<p>a) We can display tooltip information of a link by using TITLE attribute of the Anchor element.</p>	1	

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	<p>b)</p> <pre><HTML> <HEAD><TITLE> My First Web page </TITLE></HEAD> <BODY> <!-- comment: display Welcome in green color --> Welcome </BODY> </HTML></pre>	<p>1</p> <p>1</p> <p>2</p>	<p>5</p>
<p>26</p>	<pre><html> <head> </head> <body> <CENTER><U>EXAMPLE OF NESTED LIST </U> </CENTER> <OL TYPE="1" START="2"> Fruits <OL TYPE="i" START="4"> Apples <UL TYPE="square"> Red Green Banana <OL TYPE="a" START="4"> Cavendish Platain Vegetables <OL TYPE="A"> Carrot Cauliflower Tomato <UL TYPE="circle"> Cherry Yellow </body> </html></pre>	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>	<p>5</p>

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28	<pre> #include<stdio.h> void printTab(int n){ int l; for(l=0;l<n;l++) printf("\t"); } int main(){ int i,j,mid=1,max = 5; for(mid=1;mid<max;mid++){ if(mid=1){ printTab(max-1); printf("%d",mid); }else{ printTab(max-mid); for(i=1;i<mid;i++){ printf("%d\t",i); } printf("%d",mid); for(j=mid-1;j>0;j--){ printf("\t%d",j); } } printf("\n"); } } </pre>	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>	5
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