

Subject Code: 20-21/CS/C

Kendriya Vidyalaya Sangathan  
Jaipur Region  
Pre Bord 2020-21  
Class: XII Session: 2020-21  
Computer Science (083)

Maximum Marks: 70

Time Allowed: 3 hours

Marking Scheme

Q.No	Answer	Marks
1	No	1
2	iii. = =	1
3	ii Total    iv _Data	1
4	i.            List    iii. Dictionary	1
5	3	1
6	Foreign Key	1
7	Telnet is an internet utility that lets us log on to a remote computer system. A user is able to log in the system for sharing of files without being the actual user of that system.	1
8	True	1
9	XML-Extensible Markup Language SMS-Short Messaging Service ½ marks for each	1
10	VBScript, JavaScript, ASP, PHP, PERL and JSP etc	1
11	Hello WorldWorldWorldWorldWorld	1
12	Math,random	1
13	classtudent={12101:'Rahul',12102:'Ravi',12103:'Mahesh' }	1
14	Create table command Drop table Command	1
15	iv. 2	1
16	Order By	1
17	i.            Optical Fibre	1
18	i.            Degree 5, Cardinality 45	1
19	count(*)	1
20	={'salary':10000,'name':'Mahesh'}	1
21	HTML (Hyper Text Markup Language) is used to create Hypertext documents (web pages) for websites.	1
22	(a) LINE 1 : csv (b) LINE 2 : writer (c) LINE 3: r (d) LINE 4: close()	

	(e) E105 Parth E101 Arunima E102 Prahalad	
23	i. Degrre-4 Cardinility-5 ii. AdmissionNo iii. insert into student values(012368,'Kamlesh','Sharma','2004-01-01') iv. Delete command v. Drop table student <b>One mark for each(Any Four)</b>	4
24	A file is opened using “w” mode to write content into the file. A file is opened using “r” mode to read content into the file. Example: def Create(): file=open('NOTES.TXT','w') S="This is a sample" file.write(S) file.close()  def Read(): file=open('NOTES.TXT','r') Lines=file.readline(); print(Lines) file.close()	2
25	fetchone() method will return only one row from the resultset in the form of tuple containg records. fetchmany(n) method will return only the n number of rows from the resultset in the form of tuple containing the records. Any example. 1 Mark for definition and 1 mark for example	2
26	A Primary Key is an attribute of a Table which has a unique value for each of the records and can be used to identify a record of the table. Example with a table. 1 Mark for significane and 1 mark for example	2
27	The original String is: Hello how are you The modified String is: H*ll* h*w *r* y**	2
28	x=int(input("Enter value for x:")) for y in range(0,11): if <u>x==y</u> : print(x+y) else: <u>print (x-y)</u>	2
29	A protocol means the rules that are applicable for a network, or we can say the common set of rules used for communication in network. ---1 marks e.g. HTTP,FTP,PPP,SMTP,POP etc ----- 1 marks of OR Viruses require an active host program or an already-infected and active operating system in order for viruses to run, cause damage and infect other executable files or documents Worms are stand-alone malicious programs that can self-replicate.	2

30	<p>The list of identifiers used in a function call is called actual parameter(s) whereas the list of parameters used in the function definition is called formal parameter(s). Actual parameter may be value / variable or expression. Formal parameter is an identifier.</p> <p>Example: <code>def area(side):</code> # line 1 <code>return side*side;</code>  <code>print(area(5))</code> # line 2</p> <p>In line 1, side is the formal parameter and in line 2, while invoking area() function, the value 5 is the actual parameter.</p> <p>A formal parameter, i.e. a parameter, is in the function definition. An actual parameter, i.e. an argument, is in a function call.</p>	2
31	30#40#50#	2
32	<p>DROP command is used to drop a table along with all the records stored in it whereas DELETE command is used to delete all the records or some of the records from a table without deleting the table.</p>	2
33	<pre>string=input("Enter a string") length=len(string) mid=int(length/2) rev=-1 for a in range(mid):     if string[a]==string[rev]:         a+=1         rev-=1     else:         print("string is not palindrome")         break else:     print("string is palindrome")</pre>	2
34	<p>i. 200000, 65000</p> <p>ii. Vijay Singh Tomar President 130000  Sumit Sinha Vice President 110000  Mohit Kumar Vice President 125000</p> <p>iii. 101 1  102 2  103 2</p>	3
35	<pre>def countH():     f=open("para.txt","r")     lines=0     l=f.readlines()     for i in l:         if i[0]='H':             lines+=1     print("NO of lines are:",lines)</pre> <p style="text-align: center;">OR</p> <pre>def countmy():     f=open("Data.txt","r")     count=0     x=f.read()</pre>	3

	<pre> word=x.split() for i in word:     if i=="my" :         count=count+1 print("my occurs ", count, "times") </pre>	
36	<pre> def PUSH(Arr,value):     s=[]     for x in range(0,len(Arr)):         if Arr[x]%5==0:             s.append(Arr[x])             if len(s)==0:                 print("Empty Stack")             else:                 print(s)  def popStack(st) :     # If stack is empty     if len(st)==0:         print("Underflow")     else:         L = len(st)         val=st[L-1]         print(val)         st.pop(L-1) </pre>	<p>1 ½</p> <p>1 ½</p>
37	<pre> def LShift(Arr,n):     L=len(Arr)     for x in range(0,n):         y=Arr[0]         for i in range(0,L-1):             Arr[i]=Arr[i+1]         Arr[L-1]=y     print(Arr) </pre>	3
38	<p>(i) select ClientName, City from Client where City = 'Mumbai' or City = 'Delhi';</p> <p>(ii) update Product set Price = Price + 0.10 * Price;</p> <p>(iii) select ProductName, Manufacturer, ExpiryDate from Product where ExpiryDate &lt;= '2010-12-31';</p> <p>(iv) select C_ID, ClientName, City, ProductName from Client Left Join Product on Client. P_ID = Product.P_ID;</p> <p>(v) select ProductName, Manufacturer, ClientName from product,client Where product.P_ID=Client.P_ID and city='Mumbai'</p>	<p>5</p> <p>1 mark each</p>
40	<pre> import pickle f1 = open('emp.dat','rb') e = pickle.load(f1) for x in e: </pre>	5

