KENDRIYA VIDYALAYA SANGATHAN, JAIPUR REGION 3rd Pre-Board Examination 2020-21 Computer Science Class 12th

MARKING SCHEME

		· · · · · · · · · · · · · · · · · · ·
	Part-A	
	Section -1	1
1	(i) >= , (ii) //	1
2	[6,82,5]	1
3	Comma Separated Value	1
4	c)**	1
5	b) T[2]= -29 (as tuple is immutable)	1
6	Day={2:'monday',3:'tuesday',4:'wednesday'}	1
7	26 Class L	1
8	abs()/ fabs()	1
9	SMTP	1
10	file= open("WRITEUP.TXT","w") OR file= open("WRITEUP.TXT","w+")	1
11	ORDER BY	1
12	To check if the column has null value / no value	1
13	SUM / AVG / COUNT / MAX / MÍN	1
14	b) ALTER	1
15	Microwave / Radio wave	1
16	d. List	1
17	RO Jam	1
18	SHOW TABLES	1
19	Radio Frequencies Identification	1
_		

(R) B

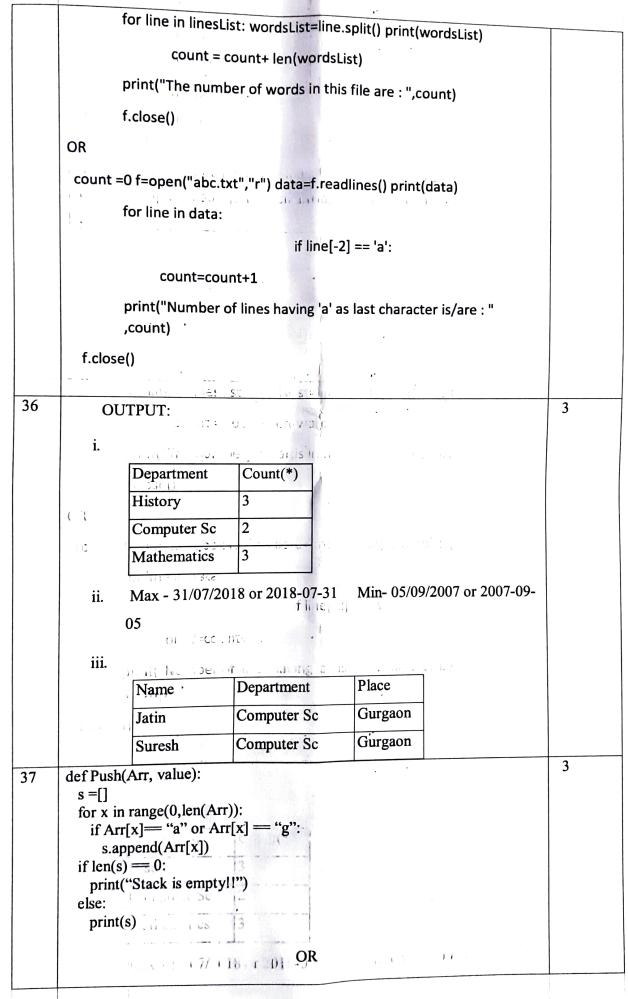
20	(c) or (a)	
21	Mbps	1
		1
	SECTION II	
22	(a) SCode	
		4
	(b) Degree = 4 Cardinality = 6	
	<pre>(c) INSERT INTO Sports (SCode, SportName, Coachname) VALUES('S007', 'Kabbadi', 15)</pre>	
	(d) iii	
23	(e) Drop Table Sports;	
23	(a) Line 1 : csv (b) Line 2 : a	4
	(c) Line 3 : reader	
	(d) Line 4 : close() (e) Line 5 :	
	Note Book', 45, 100	
	Text Book', 60, 150	-
	'Ball Pen', -10, -100 'Pencil', 2, 200	
24	a) 13	
	b) False	2
25	Hub forwards the message to every node connected and create a huge	
	traffic in the network hence reduces efficiency whereas a Switch is also	2
	called intelligent hub since it redirects the received information (~
	called intelligent hub since it redirects the received information/ packet to the intended node(s) 50) 7 (Kabba a baba	
×.	In a large network a switch is preferred to reduce the unwanted traffic in	
	the network which may also reduce the bandwidth and cause network	
	Congestion. require.	
	() tai	
	$\frac{1}{2}$ at $\frac{1}{10}$ $\frac{10}{10}$	
	WAN is also called as Wide Area Network. It is a network of computing	
	devices crossing the limits of city, country or continent. It covers area of	
	a country or continent	
	te transforment.	

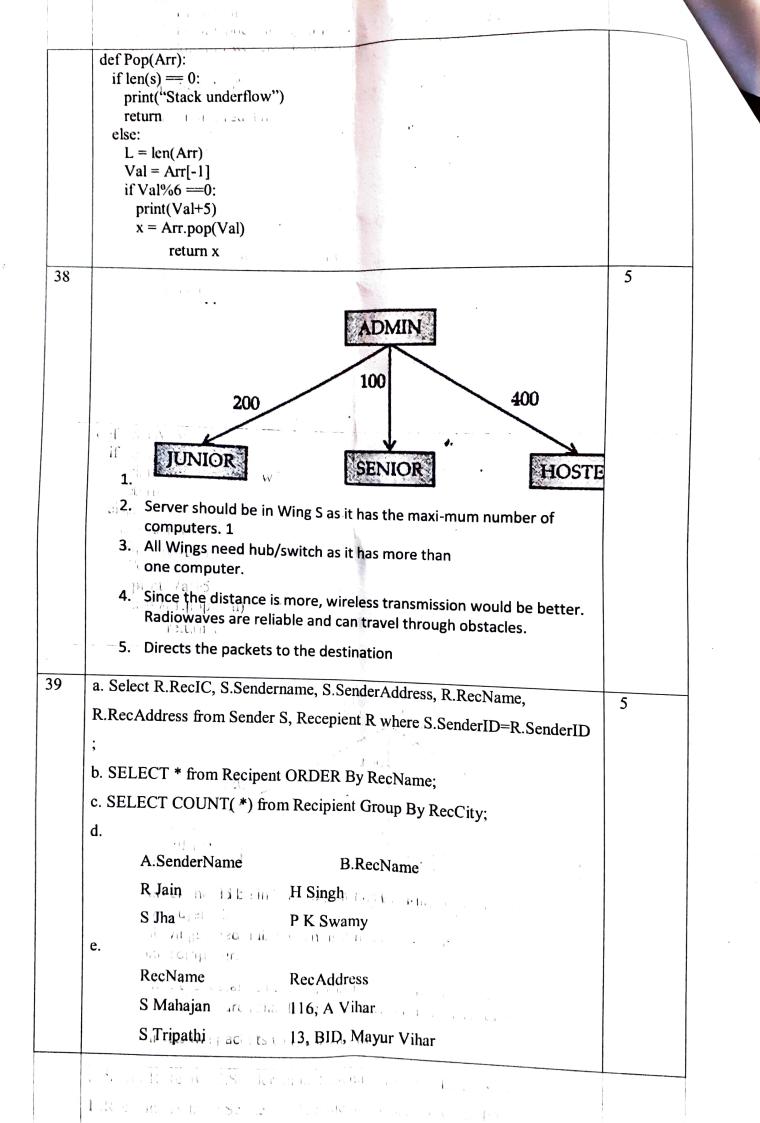
e.

The many word association provides the second state

	MAN is also called as Metropolitan Area Network. It is a network of	
	communicating devices within a city. It covers an area of few kilometres to	
	few hundreds kilometres.	
	For example: Network of schools, bank, and government offices within a	
	city.	
26	Best example of WAN is the Internet. a. SMTP : Simple mail Transfer Protocol	2
	b. XML: Extensible Markup Language	-
	c. LAN: Local Area Network	
	d. HTTPS: Hyper Text Transfer Protocol Secure	
27	A global variable is a variable that is accessible globally. A local variable is one that is only accessible to the current scope, such as temporary variables used in a single function definition. Any relevant example. OR A return statement is used to end the execution of the function call and	2
	"returns" the result (value of the expression following	
	the return keyword) to the caller. The statements after the return	
	statements are not executed. If the return statement is without any	
	expression, then the special value None is returned. Any relevant	
	expression, men me special value None is returned. Any relevant	
~	Lies of whistering et.	
28	INCORRECT	2
	$\frac{250 = \text{Number}}{\text{CB} + 1 + 250} \text{Ar} + \text{Network} \qquad \frac{\text{Number} = 250}{\text{Number} = 250}$	
	WHILE Number = 1000: while Number = 1000:	
	if Number=>750: if Number>=750:	
	print Number side to the current state of the print (Number).	
	Number=Number+100 ¹²¹ Number=Number+100	
	else	
	$\frac{1}{2}$ is successful in $\frac{1}{2}$ is $\frac{1}{2}$ and $\frac{1}{2}$ is $\frac{1}{2}$ is $\frac{1}{2}$ is $\frac{1}{2}$	
	print Number*2print(Number*2)Number=Number+50Number=Number+50	
29	And the stand of the	
	a. Minimum Number $= 1$ had the property of the second se	
	Maximum number = $\frac{3}{512}$ and the spin of the second state of	
80	A table may have more than one of the theory of attributes that	2
-	A table may have more than one such attribute group of attributes that identifies a tuple uniquely, all such attribute(a) are known as Candidate	
	identifies a tuple uniquely, all such attribute(s) are known as Candidate Keys.	

	and the second s	
31	fetchall() fetches' all the rows of a query result. An empty list is returned if there is no record to fee but	
	there is no record to fetch the cursor.	
	fetchone() method returns one row or a single record at a time. It will return None if no more rows (
	None if no more rows / records are available.	
32	The difference between CHAR and VARCHAR is that of fixed length and	
	variable length.	
	The CHAR datatype specifies a fixed length character string. When a	
	column is given datatype as CHAR(n), then MySQL ensures that all values	
	stored in that column have this length i.e., n bytes. If a value is shorter than	
	this length n then blanks are added, but the size of value remains n bytes.	
	The VARCHAR(n) on the other hand, specifies a variable length string.	
-	When a column is given datatype as VARCHAR(n), then the maximum sie a value in this column can be in a better that the state of the sta	
	t er i i i zer i er i ter i te	
	tite and the solution of the specify it i.e., no blanks are added if the length	
	1.011 Dis fight house in the exceed the maximum	
	length n, then an error-message is displayed.	
33	300 # 100	2
		,
	300 # 100 check of calley especial to complete control [] 300 # 200	2
	300 # 200 schematy, case 1 -6 c, then see the set	2
34	300 # 200 versionary cash is the parameter sector $1240 # 200$ tester in the complete sector $1240 # 200$ tester in the complete sector $1240 # 200$ tester in the complete sector $1240 # 200$ tester 124	
34	300 # 200 300 # 200 300 # 200 300 # 200 240 # 200 300 ± 10 ± 10 ± 10 ± 10 ± 10 ± 10 ± 10 ±	3
34	300 # 200 240 # 200 200 + e = (1) 1 <t< td=""><td></td></t<>	
34	300 # 200 240 # 200 200 + e = (1) 1 <t< td=""><td></td></t<>	
34	240 # 200 ef string_test(s): def string_test(s): d={"UPPER_CASE":0, "LOWER_CASE":0} for c in s: d={"UPPER_CASE":0, "LOWER_CASE":0} for c in s: d["UPPER_CASE"]+=1 elif c islower() ^v unit y the vertice of the second sec	
34	240 # 200 ef string_test(s): def string_test(s): def string_test(s): def ("UPPER_CASE":0, "LOWER_CASE":0} for c in s: d["UPPER_CASE"]+=1 elif c.islower(): d["LOWER_CASE"]+=1 else:	
34	240 # 200 et al. 240 # 200 def string_test(s): def string_test(s): d={"UPPER_CASE":0, "LOWER_CASE":0} for c in s: d["UPPER_CASE"]+=1 elif c.islower(): elif c.islower(): for c in s: d["LOWER_CASE"]+=1 elif c.islower(): elif c.islower():	
34	240 # 200 def string_test(s): d={"UPPER_CASE":0, "LOWER_CASE":0} for c in s: d= ["UPPER_CASE"]+=1 elif c.islower(): und["UPPER_CASE"]+=1 elif c.islower(): und["LOWER_CASE"]+=1 else: che mpass s and yet we point, in a second state and state to be a print ("Original String : ", s) print ("No of Upper case show to be a second state a second state to be a print ("No of Upper case show to be a second state a second	
34	240 # 200 240 # 200 def string_test(s): a = {"UPPER_CASE":0, "LOWER_CASE":0} for c in s: d = {"UPPER_CASE"]+=1 elif c.islower(): c d["LOWER_CASE"]+=1 else: c d["LOWER_CASE"]+=1 else: c d["LOWER_CASE"]+=1 print ("Original String : ", s) print ("No. of Upper case characters : ", d["UPPER_CASE"]) f=open("abc.txt","r")	3
	240 # 200 def string_test(s): d={"UPPER_CASE":0, "LOWER_CASE":0} for c in s: d= (if c.isupper():)n e = 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1	
	240 # 200 240 # 200 def string_test(s): a = {"UPPER_CASE":0, "LOWER_CASE":0} for c in s: d = {"UPPER_CASE"]+=1 elif c.islower(): c d["LOWER_CASE"]+=1 else: c d["LOWER_CASE"]+=1 else: c d["LOWER_CASE"]+=1 print ("Original String : ", s) print ("No. of Upper case characters : ", d["UPPER_CASE"]) f=open("abc.txt","r")	3





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40
```

import pickle

def createFile():

fobj=open("Book.dat"."ab")

```
BookNo=int(input("Book Number:"))
Book_name=input("Name:")
```

```
Author = input("Author ")
```

```
Price = int(input("Price :"))
rec=[BookNo,Book_Name.Author,Price]
pickle .dump(recfobj)
fobj.close()
```

def CountRec(Author):

```
fobj=open("Book.dat", "rb")
```

num =0

```
try:

while True:

rec=pickle.load(fobj)

if Author=rec[2]:

num = num + 1

except: 0[ and 00 0 0 0

fobj.close()

return num

inj + t( 'i a dd:
```

```
Se on the telephone or
```

def CountRecO: K K B KK M HOLDER

```
fobj=open("STUDENT.DAT", "rb")
```

```
num = 0
```

```
try: meet (at nor):
while True: poly out
```

```
rec=pickle.load(fobj)
```

if rec[2] > 75:

```
print(rec[0],rec[1],rec[2],sep "\t")
num = num + 1
```

1

```
except:
```

```
fobj. close()
```

return num

1.11 11

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