QP Code: 13915

(2½ Hours)

Note: 1) All questions carry equal marks and are compulsory.

2) Figures to the right indicate maximum marks for a question.

_	s) rigur	es to the right in	dicate maximu	m marks for a ques	ition.	. /
Q1. ((A) (a (b (c)) We can delo) In the FV()	ete all the wor function, the ir	ksheets in a workh	med to be constant	(2)
(H	(d)	(Linitiple Ci	y <i>two</i> sub-qu noice) contains one o	estions from (d), (er more 2) Databa		(2)
		Columns.		4) Rows.		XP'
	(e)	To view the 1) show tabl	names of datal	pases the statemen	t is database	
		3) view data	bases	4) show o	databases L	
	(f)	To not save t 1) Commit	he transaction 2) Concat	we use 3) Roll	lback (2-4) Return	
(C)	(g) (h) (i) (j) (k) (l) (m) (n) (o)	A metropolita Peer to Peer i In a client-se Data Commun Fibre optic ca A Blog is a dig IP addresses a A meta search	nunications, No an area networ networks are d rver architectunication can tal bles are cheap gital diary. are easier to re	etworking and Inter- k can connect sever esigned for more to the all computers a ke place any through er than coaxial cab	than 100 users. re equal. igh wired media. iles.	(6)
(D)	(p)	in bata comin	sub-quest wications, Ne e used in OSI 1 2) 9	tworking and Inte	(r),(s),(t),(u),(v),(w) rnet. (Multiple Choice) 4) 7	(5)
· .	(q)	1) Router is the	ne central devi 2) Bridge	ce used in star top 3) Hub		
	(r) 1/2	-, 2 40	2) Kill	3) Star	to a single cable. 4) None of these	
ZYZ,	`	Of the following L) HTTP	2)IP	protocol. 3) FTP	4) OSI	
1/2.	(t) 1	CP stands for T) Password	Fransmission _ 2) Control	Protocol. 3) Combine	4) Permit	

H-Con. 2731-15.

		station and re-as	sembly is the task	of layer in	
(u)	OSI model.	2) Session	Network	4) Physical	,
	1) Hansper	i-a data hel	tween computers a Communication	ire called	·
(v)	The rules for exc 1) Topology	2) Protocol 3) Communication	4) Syntax	
(w)	The full form of U 1) Uniform Resou	IRL is irce Library	2) United Resou		
	3) Universal Reso		4) Uniform Reso	urce Locator	
Q2. (A) A	nswer <i>any one</i>	sub-question fro	om (a), (b) in Data	Communication	s, (8)
N (a) W	etworking and In Trite a note on LA	iternet. N and MAN.			<
(b) Ex	splain Star and Br	us topology.			'M
(D)			··· (a) (d) in Data	<	Ά,
(B) An	swer <i>any one</i> s mmunications, N	etworking and l	nternet	· NAT	(7)
(c) Exp	plain the differen	t uses of interne	t.	, ph.	
(d) Exp	lain Search Engi	ne and Meta Sea	rch Engine.	0-11.	
Q3. (A) Ans	wer <i>any one</i> su	b-question from	(a), (b) in Mysso	, L	(8)
(a) Write the code (AM' Regis	e MySQL statements olumns Deposit (DCODE; charact) F, width of 8 inclustration (DRT, da	ent to create a to Number(DN, in ter with variable uding 2 decimal te, should not b	m (c), (d) in Data nternet rch Engine. (a), (b) in MySN able called (XEPOS) teger, poinary key width 10 columns, positive) and Da	IT having y), Deposit ns), Amount ate of	· •
Accor colum intege	int holders Name ns), Gender(GEI r, should not be	Number (ANO, i e(ANAME, char N, Boolean), Ma entety) and Dat	integer, distinct); acter with variabl rgin Amount (MA e of account(DAC	e width 15	
(c) Explair 1) MOI 5) REVI	2)R ERSE() 6) SQ	TRIMO 3	DAYNAMEO	4) TIME()	(7)
i) Add a ii) Chang	and Date of Actiliowing. new column Cone the students na	mns), Fees Padimission(DA, data data data data data data data dat	laving the follow Name (STNAM aid (FEE, width ate). Write MySQ Boolean) to this t dupta' for Roll Num ere fees paid are a udent whose nan	character of 6 with 2 L statements	

II-Con. 2731-15.

QP Code: 13915

- v) Insert one row of data in the table with Roll Number 715,
 Students Name 'Hiral Jain' and Date of Admission July 23, 2015.
- vi) Change the name of the column Roll Number to RNO.

vii) Rename the table COLLEGE as MARK.

Q4. (A)

Answer any one sub-question from (a), (b) in MySQL

There exists a table ELECTRIC having the columns Consumer number (CNO, integer), Consumer name (CONA, character), meter number (MNO, character), type of connection (TYPE, character) and bill amount (BILL, integer).

Write Mascol.

Write MySQL queries for the following.

 Display Consumer name, meter number and bill amount where the bill amount is equal to or above the average bill amount.

ii)Display the Consumer number, type of connection and bill amount where the bill amount is equal to the highest bill amount.

iii)Display Type of connection, maximum bill amount and total bill amount of such connections grouped according to Type.

iv)Display consumer number, meter number and bill amount where the consumer number is odd.

v)Display all the rows in the ascending order of bill amount

(b) There exists a table TRAVEL containing columns customer number (CNUM, integer), customer name (CNAME, character), holiday destination (DEST, character). There exists another table DETAILS containing the columns customer number (CNUM, integer), amount quoted (QUOTE, integer) and date of travel (DQT, Date). Write MySQL queries for the following.

 Display Customer number, customers have and amount quoted for those having holiday destination 'DUFAI' using both the tables.

ii) Display Customer number, holid 2 destination and date of travel for those customers whose date of travel is after October 15, 2015 using both the tables.

2015 using both the tables.

iii) Display Customer number and amount quoted from the table DETAILS for those customers where the amount quoted is equal to the highest amount quoted.

iv) Display Customer Number, amount quoted and date of travel from the table DETALS for those who want to travel in the month of May.

v) Display all the rows from the table TRAVEL where the holiday destination contains 'M'.

Q4. (B)

Answer any one sub-question from (c), (d) in MySQL There exists a table OFFICE containing columns employee number (EN, Integer), name of the employee (NAME, character), department name (DEPT, Character), provident fund amount (PF, numeric) and date of deduction (DEDDT, date). Write MySQL queries for the following.

 i) Display the department name, average of provident fund amount and minimum of the provident fund amount grouped as per department.

HI-Con. 2731-15.

TURN OVER

(7)

ii) Display the department name, maximum provident fund amount

Display the department fund amount grouped as per and total of the provident fund amount grouped as per department.

(iii) Display the employee number, name of the employee and

Display the employee number, the provident fund amount is above provident fund amount where the provident fund amount. the average provident fund amount. the average provident fully associated where the employee number is iv) Display all the rows from this table where the employee number is

divisible by 5.

There exists a table EMPLOYEES with columns for employee id There exists a table EMILEO name (EMP_NAME, character), job id (EMP_ID, integer), employee id (MGRID, integer) salar (EMP_ID, integer), employee id. (MGRID, integer), Job id (JOB_ID, character), manager id (MGRID, integer), salary (SAL, (JOB_ID, character), DATE, date). Write MvSOL queries (SAL, (d) (JOB_ID, character), manage (SAL, numeric), and hire date (H_DATE, date). Write MySQL queries for the following.

i) Display all the rows from this table.

ii) Display the name and hire date of all employees who do not have iii) Display the employee name labeled as 'Name of the Employee'

salary labeled as 'Monthly Salary' from the table.

iv) Display the employee id, job id and salary of employees whose manager id is 505 or 509.

v) Display the employee id, employee name and sall whose the salary is 25,000 or more.

vi) Display all the rows in the descending order of hire date.

vii) Display all the rows where the second lear in the employee лате is 'Н'.

Q5. Answer any one sub-question from (a), (b) in MS-EXCEL The following data has been entered in a worksheet.

(8)

	节数	NAME	图MLGX	G H	D	EISTOR	E STELLER
	心情情景	NAME .	BASE	HRA	DA	TOTAL	TAX
	松潔	Gopal	30000		16		IAA
	的關	Somdey (20000		· .		
l	為關	Rehman Q	22100			· ·	
	5	Oscar S	25000				
		1					

i) HRA 25 25% of the Basic or 10,000 whichever is less in column C

was 110% of the Basic rounded to the nearest integer in

as BASIC+DA+HRA in column E.

(v) TAX as 33.3% of TOTAL in column F.

ITURN OVER

QP Code: 13915

(7)

Answer the following using MS-EXCEL (b) Given the worksheet.

A B C						
1	Item Name	January	February			
2	Mouse	6000	7300			
3	Monitor	50000	45000			
4	Keyboard	6100	6300			
5	Printer	65000	80000			
6	Pen Drive	3250	3100			
7	Total					
8	Average					
9	Highest					
10	Lowest					

NAME COLLEGE OF S Write the steps to obtain the Total, Average, Highest and Lowest for the month of January and for the month of February in columns Dand C respectively.

Q5. (B)

Answer any one sub-question from (c), (d) in MS-EXCEN (c) In the following worksheet the cost of machinery is entered in cell A4 and its estimated life in years is entered in cell A7 and it has no

1	ななの数な	沿海	COMPANIES	で登録	E
11		Year	Depreciation	WOV	X
2		1			. 0
:3%		2		X	7
4	500000	3	C	12	
5.		4		Q-	
6		5	4	172	
7	5		00V		
8:			· Da		

Write the steps to obtain the year wise depreciation and WDV in columns C and D where depreciation is computed using reducing balance method.

Explain the following built in functions in MS-EXCEL (d)

2. ROUND()

3. FV()

4. COUNT()

6. NPERO

7. INT()

-Con. 2731-15.