छत्तीसगढ़ माध्यमिक शिक्षा मण्डल, रायपुर

dEI;Vj ,lyhd'ku

d{kk XII

lEiw.kZ i'u&i=

¼fo|kfpr bdkbZ½

NÙkhlx< ek/;fed f'k{kk e.My] jk;iqj

i'u & i= dh ;ktuk

Scheme of Question Paper

fo"k;%& dEI;Vj ,lyhd'ku i.kkd % 75

fo"k; dkM&151 le; % 3 ?kV

ijh{kk % gk;j ld.Mjh

¼v½ 'k{kf.kd mnn'; d vuqlkj eku

(A) Weightage as per Educational objective:

lO ØO	mnn';		vd	ifr'kr
1-	Kku (Knowledge)		30	40%
2-	vock/k (Understanding)		30	40%
3-	vuqi;kx ,o dk'ky (Application & Skill)		15	20%
		;kx	75	100%

¼c½ bdkbokj vdk dk eku

lOØO	bdkbZ dk uke	bdkbZ ij vkcfVr vd	i'u&i= d ik:i vuqlkj vkcfVr vd
1-	dEI;Vj uVod	20 vd	20
2-	MkVk dE;fud'ku vkj bVj uV dk dk ikjfHkd Kku	15 vd	15
3-	MkVk cl euteV flLVe	10 vd	10
4-	QkDl&ik vkonu idt	10 vd	10
5-	fo'oy cfld	10 vd	10
6-	mi;kx fMQjuV o, fØ;fVx ikxke Qkby	10 vd	10
7-			
8-			
9-			
10-			

¼l½ dfBukbZ Lrj (Difficulty Level)

lO ØO	mnn';	vd	ifr'kr
1-	ljy (Easy)	30	40%
2-	vkSlr (Average)	30	40%
3-	dfBu (Difficult)	15	20%
	;kx	100	100%

¼n½ i'ui= fn'kk fun'k ,oa fodYi ;kstuk %&

(Instruction's & Scheme of Option for Question Paper)

- oLrfu"B i'u e ¼05½ cgfodYih; i'u rFkk ¼05½ fjDr LFkkuksa dh ifr@mfpr tkMh cuk, dk i'u fn;k tkoxk vkj ;g iR;d lVs e i'u Øekd 1 gkxk A
- iR;d lVs e 1] 2 ,oa 3 vadk d i'uksa e fHkUurk jgxh A leLr 04 vad ;k bl ls vf/kd vadk d y?kmÙkjh; rFkk nh?kmÙkjh; i'uksa e fodYi fn;k tkuk g A fodYi i'u mlh bdkbZ ls rFkk leku mnn';k d jgx A 04 vad ;k bl ls vf/kd vadk d i'u iR;d lVs e ,d leku jgx A
- vf/kdre mÙkj lhek vfry?kmÙkjh; ½2 vad@30 'kCn½ ¼3 vad@50 'kCn½
  y?kmÙkjh; ¼4 vad@75 'kCn½ ¼5 vad@150 'kCn½
  nh?kmÙkjh; ¼6 vad ;k vf/kd@250 'kCn½

i'u & i= dk CyfiUV

Blue Print of Question Paper

fo"k;& dEI;Vj ,lyhd'ku i.kkd & 75

fo"k; dkM&151 le; & 3 ?kV

ijh{kk & gk;j ld.Mjh

bdkb l-Ø-	bdkb	bdkb ij vkcfVr vd	vdokj i'u						dy i'u
			1 vd	2 vd	3 vd	4 vd	5 vd	6 vd	
1	dEI;Vj uVod	20	2	1	2	1		1	5
2	MkVk dE;fud'ku vkj bVjuV dk ikjfHkd Kku	15	2	1			1	1	3
3	MkVk cl euteV flLVe	10		1		2			3
4	QkDl&ik vkonu idt	10	3	1			1		2
5	fo'oy cfld	10	3		1	1			2
6	mi;kx fMQjuV o, fØ;fVx ikxke Qkby	10		1	1		1		3
7									
8									
9									
10									
	;kx	75		5	4	4	3	2	18
	oLrfu"V ¼10 x 1½ uEcj dk i'u								1
						dy i'u			19

Set - A

gkbLdy lfVfQdV ijh{kk

High School Certificate Examination

lEiy&i'u i=

SAMPLE PAPER

fo"k; %& (Subject) - dEI;Vj ,lyhd'ku **le; 3 ?k.Vk (Time- 3 Hrs)**

d{kk %& (Class) - ckjgoh **i.kkd 75 (M.M.)**

(Instruction) & ¼fun'k½

1- lHkh i'u gy djuk vfuok;g A

Attempt all the Question

2- i'u Øekd 01 e 10 vd fu/kkfjr g A nk dky[k.M g A [k.M ^^v** e 05 cgfodYih; i'u rFkk [k.M ^^c** e 05 fjDr LFkkuk dh ifr vFkok mfpr lc/k tkfM, A iR;d i'u d fy, 1 vd vkcfVr g A

Q. No. 01 Carries 10 Marks. There are two sub-section, Section A is Multiple choice carries 05 marks and section B is fill in the blanks or match the column carries 05 marks.

3- i'u Øekd 02 l i'u Øekd 06 rd vfr y?kmRrjh; i'u g A iR;d i'u ij 02 vd vkcfVr g A mRrj dh vf/kdre 'kCn lhek 30 'kCn A

Q. No. 2 to 06 are very short answer type question & it carries 02 marks each. Word limit is maximum 30.

4- i'u Øekd 02 l i'u Øekd 06 rd y?kmRrjh; i'u g A iR;d i'u ij 03 vd vkcfVr g A mRrj dh vf/kdre 'kCn lhek 50 'kCn A

Q. No. 10 to 15 are short answer type question & it carries 03 marks each. Word limit is maximum 50.

5- i'u Øekd 11 l i'u Øekd 14 rd y?kmRrjh; i'u g A iR;d i'u e vkrfjd fodYi g vkj iR;d i'u ij 04 vd vkcfVr g A mRrj dh vf/kdre 'kCn lhek 75 'kCn A

Q. No. 11 to 14 are short answer type question & it carries 04 marks each. Each question has internal choice. Word limit is maximum 75.

6- i'u Øekd 15 l i'u Øekd 17 rd nh?kmRrjh; i'u g A iR;d i'u e vkrfjd fodYi g vkj iR;d i'u ij 05 vd vkcfVr g A mRrj dh vf/kdre 'kCn lhek 75 'kCn A

Q. No. 15 to 17 are long answer type question & it carries 05 marks each. Each question has internal choice. Word limit is maximum 75.

7- i'u Øekd 18 l i'u Øekd 19 rd nh?kmRrjh; i'u g A iR;d i'u e vkrfjd fodYi g vkj iR;d i'u ij 06 vd vkcfVr g A mRrj dh vf/kdre 'kCn lhek 150 'kCn A

Q. No. 18 to 19 are long answer type question & it carries 06 marks each. Each question has internal choice. Word limit is maximum 150.

¼[kM &v½

Ik'Uk 1¼v½ Lkgh f0kdYIk PkUkdj fYk[kk%&

1- MVkVkbIk ¼bVhTkj½ Ek LkXkg vkdkj LkCkf/kRk g&

¼v½ 4 Ckkbv ¼Ck½ 2 Ckkbv

¼Lk½ 8 Ckkbv ¼n½ 16 Ckkbv A

2- dkUk Lkk ofj,kCkYk ,d IkkLkhTkj d vnj ?kkf"kRk gkRkk g&

¼v½ Ikkb0kV ¼Ck½ Ekk³,kYk

¼Lk½ IkfCYkd ¼n½ bVhTkjA

3- f0kTkvYk CkfLkd Ek Lk0kkf/kd Ik,kkXk Ek vkUk 0kkYkk IkkTkDV g&

¼v½ Active Exe ¼Ck½ Active XDLL

¼Lk½ Standard EXE ¼n½ Standard PHE

4- ,kTkUkV dk TkUEk LkCkf/kRk 0k"k Ek gvk&

¼v½ 1980 ¼Ck½ 1981

¼Lk½ 1982 ¼Lk½ 1979

5- Ip bftu ugh g&

¼v½ YAHOO ¼Ck½ KHOJ

¼Lk½ NEVIGATOR ¼n½ JRD

Que 1 (A) Select Right option:

1. Data type is related to -

(a) 4 Byte (b) 2 Byte

(c) 8 Byte (a) 16 Byte

2. Which variable is under processor -

(a) Private (b) Module

(c) Public (a) Intiger

3. Project maximum use in VB -

(a) Active Exe (b) Active XDLL

(c) Standard EXE (d) Standard PHE

4. Use net is related to year -

(a) 1980 (b) 1981

(c) 1982 (d) 1979

5. Which one of them is not search engine.

(a) YAHOO (b) KHOJ

(c) NEVIGATOR (d) JRD

¼Ck½ [kkYkh LFkkUk Hkjk%&

1- QkDLk lkkEk Uk,kk QkbYk CkUkkUk d fYk, &&&&&&&&& fUkn'k dk mlk,kkXk fd,kk TkkRkk gA

2- OSI dk lkjk f0kLRkkj&&&&&&&&&gA

3- CSMA/CD dk f0kLRkkj &&&&&&&&gA

4- YkCkYk QkbYk dk f}Rk,kd UkkEk &&&&&&&&&gA

5- QkbYk LkjPkUkk Ek Lk'kk/kUk djUk d fYk,&&&&&&dEkkM dk mlk,kkXk djRk gA

(B) Fill in the Blanks -

1. In Foxpro command used for New file is .....

2. Abrivation for OSI is .....

3. Full form of CSMA/CD.....

4. Secondary Name of Lable files is .....

5. Change in file structure command used is .....

¼[kM&Ck½ lkR,kd lk'Uk 2 vkd dk gA

lk'Uk 2 VkIkkYkkTkh D,kk g\

What is topology?

lk'Uk 3 0kd LV'kUk D,kk g\

What is Work Station?

lk'Uk 4 MkVk vkj LkPkUkk Ek D,kk vRkj g\

What is Difference between DAta and Information?

lk'Uk 5 QkDLkIkk fjYk'kUkYk vkIkjVj dk UkkEk fYk[kk\

Write Name of the Relational Operator in Foxpro?

lk'Uk 6- HTML D;kk g\

What is HTML?

¼[kM–Lk½ iR;sd i'u 3 vad dk gSA

lk'Uk 7 IkkXkkEk D;kk g\

Waht is Programme?

lk'Uk 8- Vk'kfEkUkYk PkUkYk D;kk g\

What is Transminal Chanel?

lk'Uk 9- VYkUkV D;kk g\

What is Telnet?

lk'Uk 10- Vkdu fjXk D;kk g\

What is Token Ring?

¼[kM n½ lkR;kd lk'Uk 4 vad dk gSA

lk'Uk 11- vkPkh D;kk g\

What is Archi?

;k

fotvy cfld e MkVk Vkbi D;k g\

What is Data Type in VB?

lk'Uk 12- VYk CkkDLk dk UkkEkkfdRk fPk«k CkUkkb;k\

Draw Nominclature Digram of Tool Box.

;kk

DIM LVVEkV D;kk g\

Explain DIM Statement in VB?

lk'Uk 13- QkDLkIkkEk LkkfVXk ,0k bMfDLkXk dk LkEkÖkkb;k\

Explain sorting and Indexing in Foxpro.

¸kk

MkVk CkLk EkUkTkEkV fLkLVEk d dkUk–dkUk Lk HkkXk g\

What are the parts of DBMS?

Ik'Uk 14- f0kTkvYk CkfLkd Ek fUkEUk LkEkhdj.k d fYk, IkkXkkEk CkUkkb¸k\

$$v^2 = u^2 + 2as$$

Make a Programme in VB for following equation.

$$v^2 = u^2 + 2as$$

QkDLk Ikk e fUkEUk LkEkhdj.k d fYk, IkkXkkEk CkUkkb¸k

$$v^2 = u^2 + 2as$$

Make a Programme in Foxpro for following equation.

$$v^2 = u^2 + 2as$$

¼[kM–b½ IkR¸kd Ik'Uk 5 vkd dk gSA

Ik'Uk 15 bVjUkV Ek bEkYk dh mIk¸kkfXkRkk dk LkEkÖkkb¸k\

Explain utilization of E-mail in Internet?

¸kk

QkbYk EkUkTkEkV fLkLVEk D¸kk g\

What is file management system?

Ik'Uk 16 QkDLkIkkEk IkkXkkfEkXk LkjPkUkk¸k D¸kk g\

Explain programming structure in foxpro?

¸kk

,UkkYkkXk fMTkhVYk fLkXkUkYk Ek D¸kk vRkj g\

Explain Difference between Analog and Digital Signal?

Ik'Uk 17 LkEkkURkj RkFkk ØfEkd MkVk LkIk"k.k D¸kk g\

What is parallel and Serial Transmission?

¸kk

bVjUkV Ek EkkMEk dh D,kk mIk,kkfXkRkk g\

Explain utilization of Modem in Internet?

¼[kM–b½ IkR,kd Ik'Uk 6 vad dk gSA

Ik'Uk 18 fUkEUk dk LkEkÖkkb,k–

1- LVkjVkIkkYkkTkh

2- fjXk VkIkkYkkTkh

3- CkLk VkIkkYkkTkh

4- Vh VkIkkYkkTkh

5- Ek'kVkIkkYkkTkh

7- YkUkA

Explain following

1. Star Topology
2. Ring Topology
3. Bus Topology
4. Tree Topology
5. Mesh Topology
6. LAN

Ik'Uk 19- QkDLkIkkEk Xkf.kRkh,k QD'kUk D,kk g LkEkÖkkb,k\

Explain Methematical Function in Foxpro?

,kk

QkDLkIkkEk Lkkf[,kdh QD'kUk D,kk g\ LkEkÖkkb,k\

Explain Statistical function in Foxpro?

lEiy mRrj lV&,

mRrj 1 ¼v½ cgfodYih;

1- ¼c½ 2 ckbV

2- ¼v½ ikboV

3- ¼v½ Standard EXE

4- ¼l½ 1979

5- ¼n½ JRD

¼c½ fjDr LFkku

1- Create

2- vkiu fl LVebUVjQl

3- Carrier sense multiple Access with Collosion

4- LBL

5- Modi Structure

mRrj 2 Vkikyk th dEI;Vj uVod dh Hkkfrd ljpuk crkrk gA bll lcf/kr egRoi.k tkudkjh fuEu gA

1- fofHkUu LV'ku ;k ukM fdl idkj tM gA

2- UkV0kd dk Ykvk ÅV lYkkUk CkUkk¸kk TkkRkk gA

3- LkPkkj fLkLVEk dh LkEIk.k HkkfRkd LkjPkUkk n'kkRkk gA

4- Uk¸k LkPkkj fLkLVEk dh fMTkkbUk djUk Ek Eknn djRkk gA

mRRkj 3 **0kd lV'kUk**

YkUk Lk LkCkf/kRk lkR¸kd 0kd LV'kUk ,d lk¸kkXkdRkk n0kkjk mlk¸kkXk Ek Ykk¸kk TkkUk 0kkYkk Ekkb Øk dEl¸kVj gkRkk g fTkLkEk MkVk lk"k.k ,0k Xkg.k dh {kEkRkk¸k gkRkh gA bUk UkkM Hkh dgk TkkRkk gA 0kd LV'kUk nk lkdkj d gkRk gA

1- ¸kTkj

2- Lk0kj

mRRkj 4 **MkVk vkj LkPkUkk Ek vRkj**

MkVk ,d bdkb dk Ckk/k djkRkh g bLkLk LkPkUkk dh TkkUkdkjh Ukgh fEkYkRkh TkCkfd LkPkUkk MkVk dk Ikfj EkkfTkRk ¸kk IkkLkfLkXk d Ckkn IkkIRk dh Xkb TkkUkdkjh gkRkh g bLk ,d mnkgj.k n0kkjk LkEkÖkk Tkk Lkd Rkk gA

mnkgj.k %& f0k|kFkh ,0k Xkf.kRk dk f0k|kFkh

mIkjkDRk mnkgj.k Ek f0kn¸kkFkh ,d MkVk g TkCkfd Xkf.kRk dk f0kn¸kkFkh ,d LkPkUkk gA

mRRkj 5 **fjYk'kUkYk vkIkjVj**

fjYk'kUkYk vkIkjVj ¼QkDLk Ikk½ RkhUk g A

1- AND ¸kfn nkUkk fLFkfRk¸kk LkR¸k gA

2- OR nkUkk Ek Lk ,d LkR¸k gA

3- NOT nkUkk fLFkfRk¸kk vLkR¸k gA

mRRkj 6 HTML

bLkdk f0kLRkkj gkbIkj VDLV Ekkd Lk YkX0kTk g A bLk Hkk"kk dk mIk¸kkXk www d fYk, 0kCk IkTk fUkfEkRk djUk Ek fd¸kk TkkRkk g A gkEk IkTk ¸kk 0kCk IkTk Ek LkfEEkfYkRk fd¸k TkkUk 0kkYk TkkUkdkfj¸kk dk HTML d fUkn'kk d vUkLkkj VkbIk fd¸kk TkkRkk gA bLkEk XkkfQd Hkh LkYkXUk fd¸kk Tkk Lkd Rkk gA

mRRkj 7 IkkXkkEk & IkkXkkEk dk RkkRIk¸k fUkn'kk ¸kk vkn'kk dk ,d ØEkCkn/k LkEkg g fTkUkdk mIk¸kkXk fdLkh Yk{¸k IkkfIRk d fYk¸k fd¸kk TkkRkk g A QkDLk&Ikk Ek IkkXkkEk d fUk/kkj.k d fYk, MODI COMM fUkn'k dk mIk¸kkXk gkRkk g ,0k IkkXkkEk dk PkYkkUk d fYk, DO fUkn'k dk mIk¸kkXk djRk gA

¼[k.M&Lk½

mRRkj 8 **VkLkfEk'kUk PkUkYk**

dEI¸kVj RkFkk vU¸k mIkdj.kk dk vkIkLk Ek TkkMUk d fYk¸k dCkYk dk EkgR0kIk.k LFkkUk gA f0kfHkUUk IkfjfLFkfRk¸kk Ek Ik.k 0kf.kRk dCkYkk dk Ik¸kkXk fd¸kk TkkRkk g Tkk fUkEUkkUkLkkj g %&

1- fV0kLVM Ik¸kj dCkYk

2- dk,fDLk¸kYk dCkYk

3- vkfIVdYk Ikkb Ckj

4- jfM¸kk 0kCk

mRRkj 9 **VYkUkV**

VYkUkV dk 'kkfCnd vFk njLFk YkkfXkUk g bLk EkgR0kIk.k TkkUkdkjh fUkEUk g %&

1- VYkUkV 'kCn dk f0kLRkkj (Terminal Emulation over network) g A

2- bLk Lkf0k/kk Lk bVjUkV Ek mIk¸kkXkdRkk dk vU¸k dEI¸kVj Lk dk¸k djUk dh vUkEkfRk Iknkuk djRkk gA

3- 0¸kkIkkfjd {k«kk Ek TkM YkkXkk d fYk, ¸kg Lkf0k/kk YkkHkdkjh gA

4- VYkUkV dk mIk¸kkXk djUk d fYk, mIk¸kkXkdRkk dk vIkUk bVjUkV Lkf0kLk Lk TkMUkk gkRkk gA

mRRkj 10 Vkd Uk fjXk

bLk Ikdkj UkV0kd Ek fUkEUkkUkLkkj IkfØ¸kk LkYkXUk g %&

1- Vkd Uk IkkfLkXk ,DLkLk f0kf/k dk mIk¸kkXk fd¸kk TkkRkk gA

2- fjXk VkIkkYkkTkh dk mIk¸kkXk gkRkk gA

3- MkVk VkLkfEk'kUk d fYk, VYkhQkUk Ykkb Uk dk mIk¸kkXk gkRkk gA

4- MkVk VkLkfEk'kUk dh nj 5&15 EkXkkCkkbV IkfRk Lkd.M gkRkk gA

5- Xk.kkREkdRkk dh nf'V Lk UkV0kd mIk¸kkXkh gA

6- vkb-Ckh-,Ek- n0kkjk mIk¸kkXk Ek Ykk¸kk TkkRkk gA

[k.M&n

mRRkj 11 **vkPkh**

1- vkPkh 0kg Lkf0k/kk g Tkk bVjUkV Ikj LkCkf/kRk QkbYk [kkTkUk Ek mIk¸kkXk dRkk dh Lkgk¸kRkk djRkh gA

2- vkPkh ,d MVk CkLk Ik.kkYkh gA

3- vkPkh dk [kkTk ,YkUk ,LVTk] fCkYk gkYkUk ,0k IkhVjM¸kLk UkkEkd Nk«kk Uk fd¸kkA

4- vkPkh dk mIk¸kkXk VYkUkV d Ekk/¸kEk Lk djUkk LkjYk gA

¼¸kk½

f0kTkvYk CkfLkd Ek MkVk VkbIk

f0kTkvYk CkfLkd Ek fUkEUk MkVk VkbIk gkRkk g&

	Data type	-	Prefix
1.	Boalean	-	bin
2.	Byte	-	byt
3.	Curancy	-	cur
4.	Date	-	dt
5.	Double	-	dbl
6.	integer	-	int
7.	long	-	lng
8.	object	-	obj
9.	smile	-	smy
10.	string	-	str
11.	variart	-	vrt

mRRkj 12 **VIYk CkkDLk dk UkkEkkfdRk fPk«k**

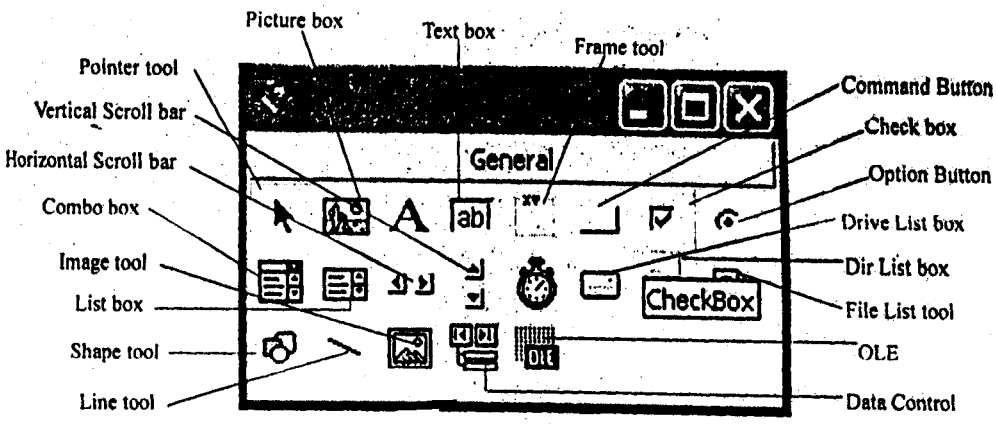
CkVUkk dk ,d LkEkg g] fTkUg dVkYk CkVUk dgRk g RkFkk vk0k'¸kdRkkUkLkkj bLk Qk Ek Ikj LFkkUkkRkfjRk dj IkkXkkEk Ek Ik¸kkXk djRk gA bLkd Ek[¸k HkkXk fUkEUk g &

1- YkCkYk CkkDLk 2- VDLkV CkkDLk 3- flkDPkj CkkDLk

4- fYkLV CkkDLk 5- dkECkk CkkDLk 6- Pkd CkkDLk

7- jfM¸kk CkVUk

bLkd vfRkfjDRk vkj Hkh db CkVUk gkRk g bUk CkVUkk dh f0kLRkRk TkkUkdkjh fUkEUk g &



¼, kk½

DIM LVVEkV

f0kTkvYk CkfLkd Ek IkkXkkfEkXk djRk LkEk, k bLk LVVEkV dk mIk, kkXk fd, kk TkkRkk g , kg EkgR0kIk.k LVVEkV g A bLkdh TkkUkdkjh fUkEUk g&

1- DIM LVVEkV dk mIk, kkXk VB Ek 0kfj, kCkYk ?kkf"kRk djUk d fYk, fd, kk TkkRkk gA

(i) Variable strength

(ii) Fixed length

2- DIM fUkn'k dk genral d vRkXkkRk nRk gA

mRRkj 13 LkPkUkkvk dk fdLkh f0kf'k"V ØEk Ek TkEkkUk dh IkfØ, kk dk LkkfVXk dgRk g A QkDLkIkk Ek TkkUkdkfj, kk dk ØEkCkn/k djUk dh nk f0kf/k, kk g A

1- LkkfVXk

2- bMfDLkXk

lkfVx vkj bMfDlx nkuk dh dk; i)fr rFkk mul ikIr vkmViV d Lo:i e dkQh fHkUurk g] yfdu mudk ey mi;kx ,d gh g] vFkkr MkVk dk dec) djukA

lkfVx & MkVk Qkby dh lkfVx d QkDl&ik e nk fof/k;k g] tk fuEu g&

¼i½ dek.M foMk e SORT fun'k d }kjk]

¼ii½ eu ckj e MkVk cl iM l SORT fodYi }kjkA

ryk Red v/;;u

lekurk

1- nkuk gh ifd;k e MkVk dk dec) fd;k tkrk gA

2- nkuk gh ifd;k e Qkby dk c<r ;k ?kVr de e tek;k tk ldrk gA

3- vko";drkulkj lkfVx rFkk bMfDlx mi;kxh gA

vUrj

1- lkfVx d fy, dek.M foMk e SORT fun'k rFkk bMfDlx d fy; INDEX dk mi;kx djr gA

2- lkfVx d }kjk .DBF Qkby dk fuek.k gkrk g] tcfd bMfDlx d }kjk .IDXM Qkby dk fuek.k gkrk gA

3- fdlh fo'k"k eku oky fjdkM dk rjUr <<uk g] rk INDEX vkn'k vf/kd iHkkoh gA

4- bMDl dh gb Qkby dk i;kx dju ij QkDl&ik nk vU; fo'k"k vknk'kk SEEK vkj FIND dk fd;k'khy dj nrk gA

5- bMDl Qkby de txg yrh g] tcfd lkV dh gb Qkby ey Qkby dh ub ifrfyih r;kj dj nrk gA

;k

MkVk euteV flLVe MkVk dk fcuk fdlh dfBukb d ifjHkkf"kr djr g, vko';drkulkj Øec)rk inku djrk g A mijkDr dk; dk liUu dju d fy, MkVk cl euteV flLVe d e[; Hkkx fuEu g &

* MkVk MfQu'ku yXot ¼Data Defination Language½
* MkVk euhiyfVx yXot ¼Data Manipulating Language½
* MkVk fMD'kujh ¼Data Dictionary½

1- MkVk MfQu'ku yXot (Data Defination Language)

* bld vrxr vkn'kk dk rkfydkvk d :i e ifjofrr fd;k tkrk g A
* lcf/kr rkfydk, ;k Vcy MkVk cl d fo"k; e lpuk, lxfgr djrh g A
* DDL ikxkej d }kjk mi;kx dh tku okyh ,d lkekU; yXot g] ftle MkVk cl d QhYM vkj LVDpj dk fn'k inku djrh g A
* DDL iR;d MkVk dk MkVk cl e cnyu d igy vko';d lHkh idkj dh ,lyhd'ku dk

ijk dju dh ifØ;k dk voykdu djrk g A

2- MkVk euhiyfVx yXot (Data Manipulating Language)

* DDL ,d Li'ky yXot g] tk rhlj vkj pkFk tuj'ku d ikxkfex yXot dk cnyu e mi;kx e vkrk g A
* bld vrxr ,lyhd'ku ikxke e 'kkfey MkVk euiy'ku Hkk"kk d vkn'kk dk dEI;Vj dh vkrfjd Hkk"kk e cnyrk g A
* ;g yXo fofHkUu idkj d fun'kk dk ,d ,lk leg j[krk g] tk mi;kxdrk ,o ikxkej dk vko';drkulkj MkVk dk viMV dju ;k u;k fjdkM tkMu lc/kh dk; d fy, fun'k inku djrk g A
* DDL dk ,d egRoi.k mnkgj.k SQL g] ft ldk foLrkj Structured Query Language gA

3- MkVk fMD'kujh (Data Dictionary)

* bld vrxr MkVk d ckj e tkudkjh ,df=r dh tkrh g A
* MkVk fMD'kujh dk mi;kx MkVk vk;Ve dk ifjHkkf"kr dju d fy,] mu ifjfLFkfr;k e fd;k tkrk g] tc ikxke cMk gk ;k ofj;cy dk ;kn j[kuk dfBu gk A
* MkVk fMD'kujh d vrxr MkVk vk;Ve dk MkVk cl l lg&lc/k dh tkudkjh j[kh tkrh g A

;k

Cykd lp

* fof'k"V fjdkM dk <<u dh rduhd tc fjdkM Øe l tek; x; gk A
* iR;d fjdkM dk ijh{k.k ugh fd;k x;k gk A
* bl lp e ij fjdkM dk db Cykdk e ckVdj Lrj ij tkp fd;k tkrk g A
* bldk mi;kx ,lh ifjfLFkfr;k e fd;k tkrk g] tgk fjdkMk dh l[;k cgr de gkrh g A

ck;ujh lp

* bld vrxr fjdkM dk dh oY; d vk/kkj ij Øec) fd;k tkrk g A
* ijh Qkby dk nk cjkcj Hkkxk e ckVk tkrk g A
* bld i'pkr nkuk fgLlk e okfNr fjdkM dh ryuk dh tkrh g A
* Cykd lp dh ryuk e ;g ljy g A

mRrj 14 VB e ikxke

v

a

s

v ok

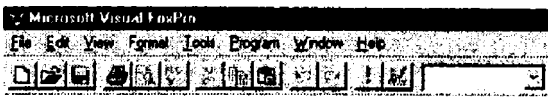
General 1

Dim u as integer
Dim a is integer
Dim s as integer
Dim v as integer

Private sut tex

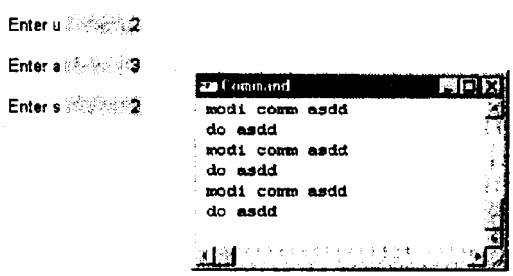
v = text 1 text
a = text 2 text
s = text 3 text
v = u×u + 2 a×s
text 4 . text = v
End sub

;k



QkDl&ik e ikxkeA

mì';& U;Vu d rrh; lehdj.k
$v^2 = u^2 + 2as$ d fy; QkDl&ik
e ikxkeA



vko';d midj.k& dEl;Vj ftle
QkDl&ik lk¶Vo;j bLVky gkA
fl)kUr& $v^2 = u^2 + 2as$

ikxke& Modi comm Pooja3
clear
u = 0
a = 0
s = 0
@ 7, 5 Say "Enter u" get u
@ 9, 5 Say "Enter a" get a
@ 11, 5 Say "Enter s" get s
read
v = sqrt(u*u+2*a*s)
?v

mRrj 15 **bVjuV e b&ey dh mi;kfxrk**

byfDVkfud ey ;k b&ey i=kpkj dk ,d vk/kfud lpuk r= g] ftl fy, ekuoh; Mkd 0;oLFkk l gVdj dEI;Vj d ek/;e l ekMe dh mifLFkfr e lpukvk dk vknku&inku ,d LFkku l nlj LFkku d fy, fd;k tkrk g A b&ey i.kkyh dk lpk: :i l pky j[ku d fy, fuEukfdr fcUn egRoi.k g &

* iR;d b&ey dk viuk ,d vkb&Mh gkrk g A
* b&ey dk irk fu;ekulkj fy[k gkuk pkfg; vU;Fkk ey okil vk tkrk g A
* b&ey dk irk Bhd gku ij Hkh rduhdh dkj.kk l ey okil vk tkrk g] ftl **ckml&ey** dgr g A
* b&ey ikIr dju d fy, ikIrdrk d dEI;Vj dk pky j[kuk vko';d ugh g A vFkkr cn dEI;Vj dh fLFkfr e Hkh b&ey LVkj gk tk,xk] cl'k b&ey lc/kh vko';d ckr ykx gkrh gA
* b&ey dh xkifu;rk cuk; j[ku d fy, mi;kxdrk dk vko';d lko/kkuh cjruh pkfg,] tl xkiuh; i=kpkj dk dV d :i e if"kr djuk A
* bUVjuV b&ey i.kkyh d vUrxr dEI;Vj jkmVj] fct] xVo vkfn dk vko';drk vulkj mi;kx gkr g, vkx igpkrh g A

mRrj 16 **Qkby eutesV flLVe (**File Management System**)**

Qkby eutesV flLVe FMS dk foLrkj g] ftld vrxr fofHkUu idkj d MkVk d ldyu dk vyx&vyx QkeV e vko';drkulkj fjikV tujV djkuk ,o fofHkUu idkj d dk;ky;k d ikstDV dk mi;kxdrk rd igpkuk gkrk g A FMS U;ure le; e de ykxr ij u;k ,lyhd'ku r;kj djrk g] tk okLrfod [kp dk yxHkx 20&15 ifr'kr rd gkrk g A FMS MkVk dh Lor=rk ,o MkVk dk vko';drkulkj cnyu dh Lor=rk inku djrk g A bldk mi;kx Vu] gokb ;k=k ,o cfdx i.kkyh e fd;k tkrk gA

Mhch,e,l vkj ,Q,e,l e vrj

Ø-	**Mhch,e,l** (DBMS)	**,Q,e,l** FMS
1-	Mhch,e,l ,d dEl;VjhÑr MkVk dk LVkj dju dk ek/;e g] ftle vko';drkulkj vkijfVx flLVe dk MkVk inku dju d fy, fu;ekulkj funf'kr djrk g A	bl i.kkyh e nLrkot dk voykdju dju d fy, fof/kor igpkrk g A
2-	bld vrxr MkVk dh lj{kk ,o vukf/kÑr rkj ij mi;kx dju oky mi;kxdrk ij /;ku j[kk tkrk g A	Qkby VkslQj d fy, foHkkxk dk ,d fu;e d rgr vuefr inku djrk g A
3-	mi;kxdrk dk MkVk dh lj{kk d fy, ikloM inku djrk g A	QD'ku dh tkudkjh vkj mi;kxdrk d ckj e irk yxkrk g A
4-	fdlh Hkh ,lyhd'ku dk ju dju e lkekU; le; l djhcu ,d pkFkkb le; e dk; djrk g A	fdlh Hkh ,lyhd'ku dk ju dju e lkekU; le; l vf/kd le; yrk g A
5-	fdlh Hkh idkj dk u;k MkVk] MkVk cl e tkMk tk ldrk g A	fu;ek dk ikyu djr g, fo'k"k ifjfLFkfr e gh vkrfjd lHko g A

;k

QkDl ik e ikxkfex ljpuk,

QkDl ik e dN fof'k"V ifØ;kvk dk iHkkoh vkn'k nu d fy, dN ljpuk, cukb xb g ftl ikxkfex ljpuk, dgr gA

1. If....else....endif
2. No sted if....else...endif
3. Do while....end do
4. Nested Dr. while ..... enddo
5. For....end for
6. Do case.... end case

;k

,ukykx ,o fMthVy flXuy e vrj

byDVkfud flXuy nk idkj d gkr g]

1- ,ukykx

2- fMftVy

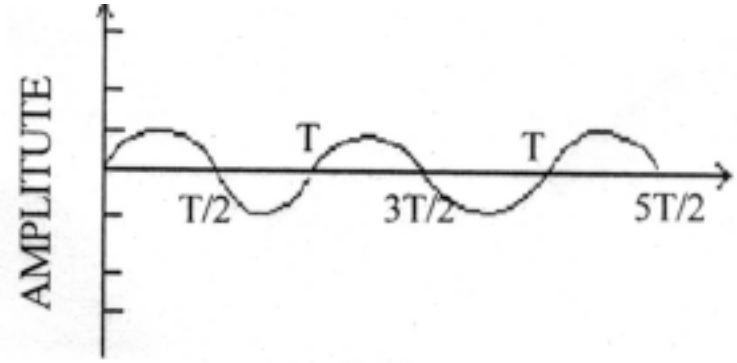
,ukykx flXuy %&

iÑfr e vfojr pyu okyh flXuy dk ,ukykx flXuy dgr g A lkekU; thou d fofHkUu {k=k e ,ukykx flXuy l lcf/kr mnkgj.k & /ofu] idk'k ,o VyhQku flLVe 'kkfey g A

fMftVy flXuy %&

ucj flLVe d vrxr fMftVy vFkkr ck;ujh i.kkyh ,d idkj dk ucj flLVe g] ftldk vk/kkj 2 g A vFkkr bl ucj e 0 vkj 1 'kkfey g] ;k bl idkj dgk tk ldrk g] fMftVy flXuy 0 vkj 1 l feydj cuk g A tk byfDVd flXuy dk 1 vFkkr vkQ d :i e inf'kr djrk g A oreku e lHkh dEI;Vj blh ifØ;k d vrxr dk; djrk g A bl idkj d flXuy e xyfr;k dh lHkko, de gkrh g A bl idkj d flXuy dh lcl cMh deh ;g g fd

; T;knk njh r; ugh dj ikr yfdu cLVj dh lgk;rk l flXuy dh njh ,d lhek rd c<kb tk ldrh g A



mRrj 17 **lekukrj rFkk Øfed MkVk lai"k.k**

,d LV'ku l MkVk dk li"k.k nk idkj l gkrk g A ;k rk ;g ,d ckj e ,d fcV d vk/kkj ij gkrk g] ;k ,d djDVj dh lHkh fcV ,d lkfk iokfgr gkrh g A igy idkj dk Øfed tcfd nlj idkj dk lekukrj li"k.k dgr g A

Øfed ilkj.k d vrxr fdlh djDVj dh lHkh fcV ,d&,d dj ilkfjr gkrh g A ek/;e ,d ckj e doy ,d gh fcV dk iokfgr dj ldu e leFk gkrk g A ,d fcV ilkfjr gku d ckn] rc ; okfNr flj rd igp tkrh g A rc nljk fcV ilkfjr gkrk g A Øfed ilkj.k e ;g ilkj.k nk rduhdk l l gk ldrk g A

;k

MkVk lpkj d fy, VyhQku ykbu l ikIr lhfj;y MkVk dk ijyy MkVk e ifjofrr djuk gkrk g A blh idkj VyhQku ykbu l ikIr lhfj;y MkVk dk ijyy MkVk e ifjofrr djuk gkrk g] ft ld fy, ekMe dh vko';drk gkrh g A okLro e ekMe ,d Modulation Demodulation dk lf{kIr :i g A ;g nk idkj dk gkrk g %&

1- vkrfjd ekMe] 2- ckg; ekMe]

1- vkrfjd ekMe %&

vkrfjd ekMe fiVM lfdV ckM ij gh cu gkr g] rFkk dEI;Vj d lhih; d Hkhrj gh lLFkkfir gkr g A bldh dher de gkrh g A vyx l fo|r llykb dh vko';drk ugh gkrh A vkrfjd ekMe lh/k gh ihlh l tM gkr g A lhfj;y MkVk lpkj d fy, lcl egRoi.k phi UART ftldk foLrkj Universal Asynchronous Reciever & Transmeter g A ;gh phi ijyky MkVk dk lhfj;y MkVk e ifjofrr djrh g A

2- ckg; ekMe %&

ckg; ekMe fiVM ckM ij u gkdj vyx l dcy }kjk lhih; e duDV fd;k tkrk g A bldh dher vkrfjd ekMe 5 l 10 xuk rd gkrh g A tc Hkh ckg; ekMe dk mi;kx fd;k tkuk gk ;g tkuuk vko';d g] fd phi dk mi;kx dkEikV dj jgh g] ;k ugh A ckg; ekMe dk i;kx djr le; bl ckr dk fo'k"k /;ku j[kuk pkfg, fd UART leLr dcy ,o ikV vPN DokfyVh d gkA

[k.M&,Q

mRrj 18 **LVkj Vkikykth**

Qk;n %

1 cgrj uVod ic/ku fd;k tkrk g A

1 lokf/kd ipfyr Vkikykth g A

3 dkb ykdy dEI;Vj dke djuk cn dj n rk ijk uVod iHkkfor ugh gkrk A

4 LVkj Vkikykth e ukMl d tkMu d fy, de l de ykbuk dh vko';drk gkrh g A

5 vfrfjDr ukMl tkMu ij Vklfe'ku fMy ugh gkrk A

u|dlku %

1- LVkj Vkikykth dUnh; dEI;Vj ij fuHkj jgrk gA

2- dUnh; ;k gkLV dEI;Vj d dke u dju ij ijk fLVe dke djuk cn dj nrk g A

fjx Vkikykth

Qk;n %

1 LVkj uVod dh ryuk e fo'oluh; g A

2 lpkj ,d dEI;Vj ij fuHkj ugh gkrk A

3 ;g ,d fMLVhC;VM MkVk ikflflx fLVe g A

4 ;g mu txgk d fy, mi;kxh g] tgk dUnh; dEI;Vj ugh gkrk A

5 fdUgh nk dEI;Vjk d e/; lpkj fyd dke u dju ij ifjofrr@vfrfjDr ekx Hkh lHko g A

u|dlku %

1 fjx uVod LVkj uVod dh rjg ykdfi; ugh g A

2 tfVy lk¶V o;j dh vko';drk ugh gkrh g A

3 uVod e MkVk lpkj dh xfr uVod e yx dEI;Vjk dh l[;k d lekuikr e gkrh g A

4 ftru vf/kd dEI;Vj uVod e tM gkx mruk gh vf/kd oDr MkVk lpkj e yxxk A

cl Vkikykth

Qk;n %

1- bl uVod e dcy dh yEckb de gkrh g A bldh ok;fjx djuk vklku g A D;kfd ble lHkh ukM dk duDV dju d fy, dkeu MVk ikFk gkrk g A

blfy, bl uVod e cgr de yckb dh dcy mi;kx dh tkrh g A

2 gkMo;j d :i e n[kk tk, rk ,d lk/kkj.k vkj cgr gh fo'oluh; g A

3 cl uVod d fdlh Hkh ikbV ij vfrfjDr ukMl tkMu dh lfo/kk gkrh g A

udlku %&

bl uVod dh lcl cMh deh ;g g fd ;fn lpkj ek/;e vFkkr dcy dke djuk cn dj n] rk ijk flLVe dke djuk cn dj nrk g A bl uVod l tM iR;d dEl;Vj dk vPN ,o tYnh fu.k; yu ,o lokn LFkkfir dju dh {kerk gkuh pkfg, A

Vh Vkikykth %

;g cl Vkikykth dh rjg dk; djrk gA bld vUrxr ,d l vf/kd ukMl dk J[kykc) <x l tkMk tkrk gA igyk ukM &&& ukM gkrk g ftld ,d ;k vf/kd pkbYM ukM gkr gA ble ,d ukM dh iVUV ukM gkrh g ftld ek/;e l mle MkVk ,d midj.k l nlj midj.k rd igprk gA

e'k Vkikykth %

bl Vkikykth e fofHkUu midj.k ,d&nlj l ,d ;k ,d l vf/kd ukM d ek/;e l tM jgr g A ;g nk idkj dk gkrk g A

¼i½ i.k e'k Vkikykth

¼ii½ vkf'kd e'k Vkikykth

mRrj 19 QkDl ik e xf.krh; QD'ku&

1- SQRT ( ) oxey Kkr dju d fy,

2- FLOOR ( ) fudVre cjkcj ;k NkVh l[;k

3- ABS ( ) fuji{k eku d fy,

4- ROUND ( ) Round Number d fy,

5- MIN ( ) U;ure vd

6- MAX ( ) vf/kdre vd

7- LEN ( ) djDVj LVhx dh l[;k Kkr dju d fy,

8- Sum ( ) tkM d fy,

9- Averege ( ) vkl r d fy,

10- Count ( ) x.kuk d fy,

;k

lkf[;dh QD'ku

nk egRoi.k 0; td g&

1- FV & ;g 0; td fdlh ey/ku dk pØof) C;kt dh nj l fdlh fuf'pr vrjky d i'pkr feJ/ku Kkr djrk gA

Fv (Payment, interest, P----)

2- bl 0; td l fdlh /ku dk ,d fuf'pr C;kt nj ij ,d fuf'pr le; i'pkr feyu oky feJ/ku dk oreku eY; Kkr fd;k tkrk gA

Set - B

gkbLdy lfVfQdV ijh{kk

High School Certificate Examination

lEiy&i'u i=

SAMPLE PAPER

fo"k; %& (Subject) - dEI;Vj ,lyhd'ku **le; 3 ?k.Vk (Time- 3 Hrs)**

d{kk %& (Class) - ckjgoh **i.kkd 75 (M.M.)**

(Instruction) & ¼fun'kZ½

1- lHkh i'u gy djuk vfuok;Z g A

Attempt all the Question

2- i'u Øekd 01 e 10 vd fu/kkfjr g A nk dky[k.M g A [k.M ^^v** e 05 cgfodYih; i'u rFkk [k.M ^^c** e 05 fjDr LFkkuk dh ifr vFkok mfpr lc/k tkfM, A iR;d i'u d fy, 1 vd vkcfVr g A

Q. No. 01 Carries 10 Marks. There are two sub-section, Section A is Multiple choice carries 05 marks and section B is fill in the blanks or match the column carries 05 marks.

3- i'u Øekd 02 l i'u Øekd 06 rd vfr y?kqRrjh; i'u g A iR;d i'u ij 02 vd vkcfVr g A mRrj dh vf/kdre 'kCn lhek 30 'kCn A

Q. No. 2 to 06 are very short answer type question & it carries 02 marks each. Word limit is maximum 30.

4- i'u Øekd 02 l i'u Øekd 06 rd y?kqRrjh; i'u g A iR;d i'u ij 03 vd vkcfVr g A mRrj dh vf/kdre 'kCn lhek 50 'kCn A

Q. No. 10 to 15 are short answer type question & it carries 03 marks each. Word limit is maximum 50.

5- i'u Øekd 11 l i'u Øekd 14 rd y?kqRrjh; i'u g A iR;d i'u e vkrfjd fodYi g vkj iR;d i'u ij 04 vd vkcfVr g A mRrj dh vf/kdre 'kCn lhek 75 'kCn A

Q. No. 11 to 14 are short answer type question & it carries 04 marks each. Each question has internal choice. Word limit is maximum 75.

6- i'u Øekd 15 l i'u Øekd 17 rd nh?kmRrjh; i'u g A iR;d i'u e vkrfjd fodYi g vkj iR;d i'u ij 05 vd vkcfVr g A mRrj dh vf/kdre 'kCn lhek 75 'kCn A

Q. No. 15 to 17 are long answer type question & it carries 05 marks each. Each question has internal choice. Word limit is maximum 75.

7- i'u Øekd 18 l i'u Øekd 19 rd nh?kmRrjh; i'u g A iR;d i'u e vkrfjd fodYi g vkj iR;d i'u ij 06 vd vkcfVr g A mRrj dh vf/kdre 'kCn lhek 150 'kCn A

Q. No. 18 to 19 are long answer type question & it carries 06 marks each. Each question has internal choice. Word limit is maximum 150.

¼[kM &v½

Ik'Uk 1 ¼v½ Lkgh f0kdYIk PkUkdj fYk[kk%&

1- LkPkUkkvk dk fdLkh f0kf'k"V ØEk Ek TkEkkUk dh IkfØ;kk dgYkkRkh g–

¼v½ LkkfVXk ¼Ck½ bMfDLkXk

¼Lk½ fMYkhVhXk ¼n½ Ikfdxk A

2- vEkjfdUk MV LVDPkj dk Ikk:Ik g–

¼v½ DD/MM/YY ¼Ck½ YY/MM/DD

¼Lk½ MM/DD/YY ¼n½ DD-MM-YY

3- Xkf.kRkh;k 0;kTkd g–

¼v½ SQRT ¼Ck½ INT

¼Lk½ ABS ¼n½ mijkDr lHkh

4- 0kY;k ,MM UkV0kd Lk LkCkf/kRk dFkUk g–

¼v½ EkkbØk0k0k dh Lkf0k/kk Iknkuk djUkkA

¼Ck½ LkVYkkbV Lk LkCkf/kRk TkkUkdkjh IkkIRk gkRkh gA

¼Lk½ nkUkk XkYkRk gA

¼n½ nkUkk dFkUk Lkgh Ukgh gA

5- LVkj VkIkkYkkTkh d Ckkj Ek XkYkRk dFkUk g–

¼v½ LkPkkj d {k«k Ek Ukb VkIkkYkkTkh gA

¼Ck½ bLkdk mIk;kkXk VYkhQkUk fLkLVEk Ek fd;kk Xk;kkA

¼Lk½ gkLV dEI;kVj gkRkk gA

¼n½ CkgRkj UkV0kd Iknkuk fd;kk TkkRkk gA

Que 1 (A) Select Right option:

1. Arrange the information in proper sequance is known as –

(a) Sorting (b) Indexing

(c) Deleting (d) Packing

2. American DAte structure is –

(a) DD/MM/YY (b) YY/MM/DD

(c) MM/DD/YY (d) DD-MM-YY

3. Mathematical Function is –

(a) SQRT (b) INT

(c) ABS (d) All of the above

4. Value added network satement related to -

(a) Fasility related to microwave

(b) Information obtained related to setalite

(c) Both worng

(d) Both statement is right.

5. Wrong statement related to Star Topology –

(a) In area of information new technology.

(b) Used in Telephone system

(c) Host computer

(d) Better networking provide

¼Ck½ [kkyh LFkku Hkfj;&

1- Ek[¸k f0kMk dk ¼f0kTkvYk CkfLkd Ek ½ Ikg Ykk HkkXk ————dg YkkRkk gA

2- f0kTkvYk CkfLkd Ek EkU¸kCkkj d Bhd UkhPk ————fLFkRk gkRkk gA

3- IkkXkkEk dh XkYkfRk¸kk dk [kkTkdj mUg IkkXkkEk Lk nj djUkk ———dg YkkRkk gA

4- MkEkUk Ik.kkYkh dk LkCk/k ———Lk gA

5- ——— dk f0kLRkkj ————gA

(B) Fill in the Blanks :

1. In main window (VB) 1st part is .....

2. In VB down side of Menu Bar is .....

3. Error find out in programme and removed is .....

4. Domain system's .....

5- Extension of www .....

¼[kM–Ck½ lkR,kd lk'Uk 2 vad dk gSA

lk'Uk 2- flkV LkOkj D,kk g\

What is Print Server?

lk'Uk 3- bFkjUkV D,kk g\

What is Eathernet?

lk'Uk 4- vkb-vkj- Lkh D,kk g\

What is IRC?

lk'Uk 5 MkVkCkLk D,kk g\

What is Database?

lk'Uk 6- EkEkkQkbYk dk f}Rk,kd UkkEk D,kk g\

What is secondary Name for Memo file?

¼[kM–Lk½ lkR,kd lk'Uk 3 vad dk gS–

lk'Uk 7- lkkXkkEk D,kk g\

What is Programme?

lk'Uk 8- Vk'kfEk'kUk PkUkYk D,kk g\

What is Transmission Chanell

lk'Uk 9- XkVOk ,kk CkhTk dk LkEkÖkkb,k A

Explain Gatway or Bridge.

lk'Uk 10- OkM Okkb M OkOk D,kk g\

What is Word Wide Web?

¼[kM –n½ lkR,kd lk'Uk 4 vad dk gSA

lk'Uk 11- fOkTkvYk CkfLkd Ek lkklk vlk EkU,k D,kk g\

What is Pop-up Menu is Visual Basic?

,kk

VYk CkkDLk dk UkkEkkfdRk fPk«k CkUkkb,k\

Draw Namiclature Diagram of Tool Box?

Ik'Uk 12- f0kTkvYk CkfLkd Ek QkEk fMTkkbUk dLk djRk g LkEkÖkkb,kA

Explain from Design in VB?

,kk

QkDLkIkk Ek fUkEUk dk,k d fYk, dEkkM fYkf[k,

1- MkVk Qkb Yk Ek fjdkM TkkMUkk

2- fjdkM dk Ik.k0kLFkk Ek YkkUkk

3- fjdkM dk Ik.kRkh gVkUkk A

Write command in Foxpro for following work.

1. New Entry in Data file

2. Bac to Record

3. Permanent Removed record

Ik'Uk 13- MkVkCkLk LFkkIkR,k d RkhUk Pkj.k dkUk–dkUk Lk g\

What are three level of Database Architecture?

,kk

MkVk Qkb Yk Ek fQYM fUk/kkj.k fdLk Ikdkj djRk g\

Explain selection of field type in Datafile?

Ik'Uk 14- f0kTkvYk CkfLkd Ek fUkEUk LkEkhdj.k d fYk, IkkXkkEk CkUkkb,kA

$$\frac{C}{5}=\frac{F-32}{9}$$

Make a Programme in VB for.

$$\frac{C}{5}=\frac{F-32}{9}$$

,kk

QkDLk ik Ek fUkEUk d fYk, IkkXkkEk CkUkkb,k\

$$\frac{C}{5}=\frac{F-32}{9}$$

Make a programme in Foxpro for.

$$\frac{C}{5} = \frac{F-32}{9}$$

¼[kM–b½ lkR,kd lk'Uk 5 vad dk gSA

lk'Uk 15 bVjUkV Ek LkPk bTkUk D,kk g\

What is search Engine in Internet?

,kk

QkDLk Ikk Ek f0kfHkUUk QkbYkk dk LkEkÖkkb,k\

Explain Diffrent file in Foxpro?

lk'Uk16- f0kTkvYk CkfLkd dk dEl,kVj Ek dLk bLVkYk djXk LkEkÖkkb,k\

Exlain installation of VB in Computer

,kk

MkVk li"k.k rduhd dk le>kb;\

Explain Data communication Techniques?

lk'Uk 17- dEl,kVj UkV0kd 0kXkhdj.k dk LkEkÖkkb,k\

Explain classification of Computer Network?

,kk

EkkMEk D,kk g\ ,kg fdLk lkdkj dk,k djRkk g\

What is Modem? Explain its working?

¼[kM–Q½ lkR,kd lk'Uk 6 vad dk gSA

lk'Uk 18- QkDLk IkkEk Ek fUkEUk dk LkEkÖkkb,k\

Explain following in Foxpro?

1. Set Date
2. CDOW
3. DOW
4. SQRT

5. Round

6. USE

s kk

QkDLkIkkEk Lkkf[skdh 0skTkd Dskk g\

Explain statistical function in Foxpro

Ik'Uk 19- bVjUkV Lk LkCkf/kRk fUkEUkkfdRk 'kCnkOkfYksk dk LkEkÖkkbsk\

1- fjEkkV YkkfXkXk

2- Usk Tk XkIk

3- SNMP

4 ETP

5 FAQ

6 gke it

Explain following in Internet.

1. Remote loging

2. News group

3. SNMP

4. FTP

5. FAQ

6. Home page

lEiy mRrj lV&ch

mRrj 1 ¼v½ cgfodYih;

1- ¼v½ lkfVx

2- ¼l½ MM/DD/YY

3- ¼n½ mijkDr lHkh

4- ¼v½ ekbØk oo dh lfo/kk inku djuk

5- ¼n½ lpkj d {k= e ub Vkikykth gA

¼c½ fjDr LFkku

1- VkbVy ckj

2- Vyckj

3- Mhcxhx

4- uke i.kkyh

5- World Wide Web

mRrj 2 **fiV loj**

1- ,d fiVj dk mi;kx lHkh dEI;Vj d fy, fd;k tkrk gA

2- ykxr de vkrh gA

3- yu (LAN) lfo/kk l gkrk gA

4- dUnh; fiV loj dh lfo/kk miyC/k djkb tkrh gA

mRRkj 3 **bFkjuV**

1- cl Vkikykth dk mi;kx fd;k tkrk gA

2- MkVk ¶yk d fy, dk,fDl;y dcy dk mi;kx gkrk gA

3- MkVk VklQj dh nj 10 exk ckbV ifr ld.M rd gkrk gA

4- dk,fDly dcy vko';drkulkj iryh ;k ekVh mi;kx dh tkrh gA

mRRkj 4 **vkbZ-vkj-lh-**

bldk foLrkj ^^bVjuV fjy pkV** gA bld ek/;e l nfu;k d fdlh Hkh fgLl e bVjuV dh lgk;rk l ckrphr dju dh lfo/kk miyC/k gkrh gA

mRRkj 5 **MkVk cl**

fofHkUu idkj d ;k ,d gh idkj d lpukvk d leg dk MkVk cl dgr gA MkVk cl ,d gh idkj d tkudkfj;k dk ,d leg gkrk g tk fofHkUu 0;fDr;k d }kjk ,df=r fd; x; gkA

mRRkj 6 eek Qkby dk f}rh;d uke FPT g A

¼[k.M&Lk½

mRRkj 7 **IkkXkkEk**

IkkXkkEk dk RkkRIk;k fUkn'kk ;kk vkn'kk dk ,d ØEkCkn/k LkEkg g fTkUkdk mIk;kkXk fdLkh Yk{;k IkkfIRk d fYk;k fd;kk TkkRkk g A QkDLk&Ikk Ek IkkXkkEk d fUk/kkj.k d fYk, MODI COMM fUkn'k dk mIk;kkXk gkRkk g ,0k IkkXkkEk dk PkYkkUk d fYk, DO fUkn'k dk mIk;kkXk djRk gA

mRRkj 8 **V'kLkfEk'kUk PkUkYk**

dEI;kVj RkFkk vU;k mIkdj.kk dk vkIkLk Ek TkkMUk d fYk;k dCkYk dk EkgR0kIk.k LFkkUk gA f0kfHkUUk IkfjfLFkfRk;kk Ek Ik.k 0kf.kRk dCkYkk dk Ik;kkXk fd;kk TkkRkk g Tkk fUkEUkkUkLkkj g %&

1- fV0kLVM Ik;kj dCkYk

2- dk,fDLk;kYk dCkYk

3- vkfIVdYk Ikkbkj

4- jfM;kk 0kCk

mRRkj 9 **xVo fct**

xVo midj.k ,d ,lk midj.k g tk nk idkj d uVodk dk vkil e tkMu dk dk; djrk gA nk ,l uVod ftue l ,d e ijkuh rduhd rFkk nlj e u;h rduhd dk i;kx fd;k tk jgk g] xVo midj.k d }kjk mUg tkMk tk ldrk gA euQe dEI;Vj dk yu l tkMu d fy, Hkh xVo fct dk mi;kx fd;k tkrk g ft ld }kjk nk uVodk dk tkMdj vkil e lc/k LFkkfir fd;k tkrk gA

mRRkj 10 **oM+ okbM+ oc**

bVjuV d{k= e egRoi.k 'kCn g tk fdlh Hkh oc lkbV dk tkuu ;k ml rd igpu d fy; viuk mi;kx djkuk vko';d le>rk gA bl ws d uke l Hkh tkuk tkrk gA lcf/kr tkudkjh fuEu gA

& oc lkbV ij miyC/k iFke it gke it dgykrk gA

& gke it d bVjuV it dk URL dgr gA

& www l tkudkjh ikIr dju d fy, oc ckm tj t:jh gA

[k.M&n

mRRkj 11 **fot|vy cfld e+ iki&vi eU;+**

iki&vi eU; ,d ¶ykfVx eU; g tk Qke d Åij Lor= :i l fn[krk gA iki&vi eU; fdlh eU;ckj l lc) ugh ugh gkrkA ;g ekml d nk; cVu }kjk dk; djr gA budk dk; lekIr gk tku ij &&&&& A bld nk idkj gA

1- flLVe iki&vi eU;

2- dLVe iki&vi eU;

flLVe iki&vi eU;+

1- lk¶Vo;j dk Hkkx gA

2- dVky l tM+ gkr gA

3- ycy dVky ij ml d nk; cVu ij fDyd dju ij iki eU; feyrk gA

dLVe iki&vi eU;+

1- ,fMVj r;kj djr gA

2- ekml d nk; cVu l lpkfyr gkrk gA

¼,kk½

VYk CkkDLk dk UkkEkk fdRk fPk«k

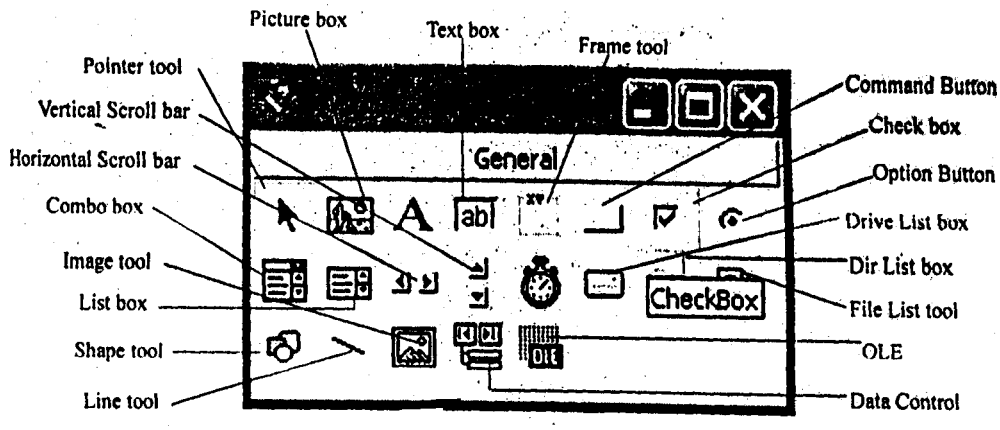
CkVUkk dk ,d LkEkg g] fTkUg dVkYk CkVUk dgRk g RkFkk vkOk',kdRkkUkLkkj bLk QkEk lkj LFkkUkkRkfjRk dj lkkXkkEk Ek lk,kkXk djRk gA bLkd Ek[,k HkkXk fUkEUk g &

1- YkCkYk CkkDLk 2- VDLkV CkkDLk 3- flkDPkj CkkDLk

4- fYkLV CkkDLk 5- dkECkk CkkDLk 6- Pkd CkkDLk

7- jfM¸kk CkVUk

bLkd vfRkfjDRk vkj Hkh db CkVUk gkRk g bUk CkVUkk dh fOkLRkRk TkkUkdkjh fUkEUk g &



mRRkj 12 foftVy cfld e Qke fMtkbu

fotvy cfld dk gj ,lyhd'ku fdlh u fdlh idkj d Qke ij vk/kkfjr gkrk gA ,d Qke fdl idkj dk; djxk vFkok LØhu ij dlk fn[kie ;g lfuf'pr dju d fy, Qke d lkFk db ikiVht o methods tkM tkr g tk Qke d dk; i.kkyh dk fu/kkfjr dju gA bll lcf/kr 'kCnkoyh fuEu g&

1. Border style
2. Caption
3. Control Box
4. Fonts
5. Name
6. Windows style
7. Tcon.
8. Max Button and Min Button
9. Startup positon

mijkDr cVu l vko';drkulkj Qke fMtkbu djr gA Qke d cVu e ekml dk pyku l ;g dku lk cVu g irk py tkrk gA

;k

1- MkVk QkbYk Ek fjdkM TkkMUkk - Append

2- fjdkM dk Ik.k0kLFkk Ek YkkUkk - Recall

3- fjdkM dk Ik.kRkh gVkUkk A - Pack

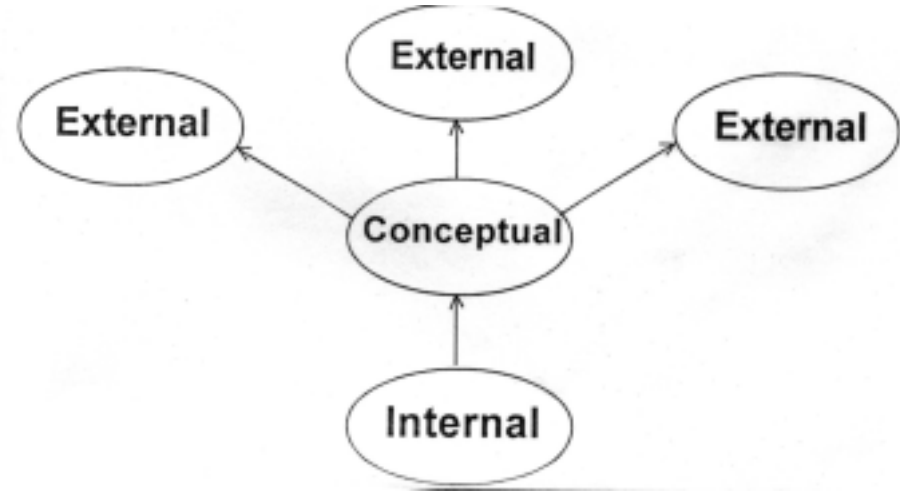
mRRkj 13 **MkVk cl LFkkiR; d rhu pj.k&**

MkVk cl ic/ku dk e[; mnn'; mi;kxdrk dk MkVk dk lf{kIr ;k lkj :i iLrr djuk gA bld lkFk gh MkVk cl ic/ku dk e[; lkp MkVk ij ,o lkekU; lkp lcf/kr ikxke ij gkrk g A ,d fo'y"k.k dh nf"V l MkVk cl LFkkiR; rhu pj.k gkrk g] tk MkVk cl d eyHkr ckr ,o LVDpj lc/kh tkudkjh nrk g] tk fuEu g &

1- vkrfjd vFkok Hkkfrd nf"V dk.k (Internal or Physical View)

2- ifjdYiuh; nf"V dk.k ¼Conceptual View½

3- rkfdd ;k ckg; nf"V dk.k ¼Logical or External View½



vkrfjd vFkok Hkkfrd nf"Vdk.k

* bl Lrj e vudk idkj d fjdkM gkr g] tk MkVk cl d Hkkfrd ljpuk dk Li"V djrk g A

* MkVk dk lc/k lxg.k fMokbl l fdl idkj lc/k j[krk g] dk mYy[k gkrk g A

* MkVk dk fMtkbu dh tkudkjh gkrh gA

ifjdYiuh; nf"V dk.k

* MkVk cl ifjdYiuk Lrj gkrk g A
* ikxkej d fy, fun'k gkrk gA
* ykftdy MkVk dk Kku gkrk g A

rkfdlid ;k ckg; nf"V dk.k

* ;g MkVk dk lcl Åijh Lrj g A
* rkfdd fjdkM dh ifjHkk"kk Li"V gkrh g A
* vU; nkuk Lrjk l lh/kk lc/k gkrk g A

;k

MkVk cslsl e fQYM dk fu/kkj.k

egRoi.k tkudkjh fuEu g&

1 fQYM dk uke vf/kdre 10 v{kjk dk gk ldrk gA

2 iR;d uke fdlh v{kj (A to Z) l ikjHk gkuk pkfg, bld ckn dkb Hkh v{kj ;k vd gk ldrk gA

3 fQYM dk uke under score dk NkMdj dkb Hkh fo'k"k fpUg (.,! vkfn½ lfEefyr ugh fd;k tk ldrkA

4 fQYM d fofHkUu v{kjk d chp [kkyh LFkku NkMu dh vuefr ugh gA

5- QkDlik (lower case) ,o (upper case) e foHkn ugh djrkA

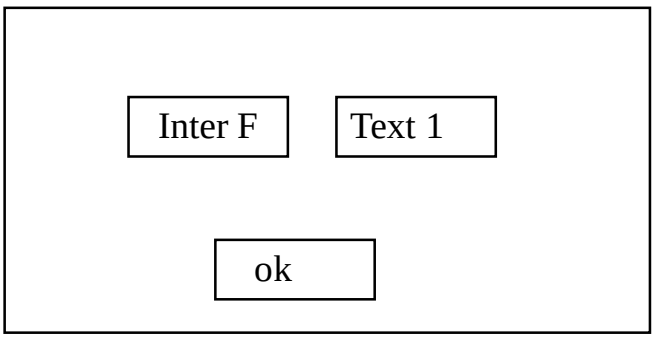
uke ekU;

Shriram ekU;

JRD	ekU;
MIS	ekU;
2MIS	vekU; ¼vd d ikjHk½
D_O_B	ekU;
Date_Join	ekU;
N E WROLLNO	vekU; ¼[kkyh txg½
___ .AWARD	vekU; ¼fo'k"k fpUg½

mRrj 14 fotvy cfld e $\frac{C}{5}=\frac{F-32}{9}$ d fy, ikxke

1. Form Design



2. Coding:

General 1

Dim F as integer

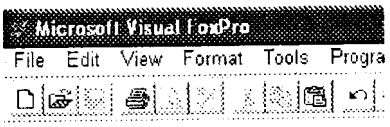
Private sub text 1

F = text 1 text
C = s×(F–32)/9
text 2. Text = C
End sub.

3. Run
Enter –40
C = –40

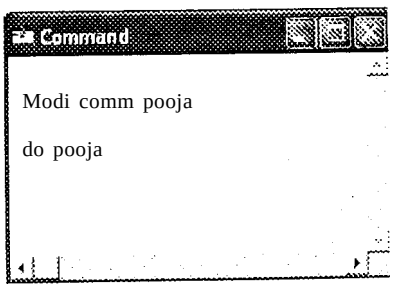
;k

vko';d midj.k& dEI;Vj ftle QkDl&ik lk¶Vo;j bLVky gkA



fl)kUr& $\frac{C}{5} = \frac{F-32}{9}$

ikxke&




```
Modi comm pooja
clear
set talk off
F = 0
@ 10, 15 Say "Enter F" get F
read
C = 5*(F – 32)/9
? C
Ctr+W
Do pooja
```

fu"d"k& i;kx dk do dek.M l ju djxA ;fn ge enter F = –40 djr g rk vkmViV &40 feyxkA

fl)rk& C = 5*(– 72)/9
= –360/9
= –40

mRrj 15 **bVjuV e b&eey dh mi;kfxrk**

byfDVkfud ey ;k b&ey i=kpkj dk ,d vk/kfud lpuk r=g] ft l fy, ekuoh; Mkd 0;oLFkk l gVdj dEI;Vj d ek/;e l ekMe dh mifLFkfr e lpukvk dk vknku&inku ,d LFkku l nlj LFkku d fy, fd;k tkrk g A b&ey i.kkyh dk lpk: :i l pky j[ku d fy, fuEukfdr fcUn egRoi.k g &

* iR;d b&ey dk viuk ,d vkb&Mh gkrk g A
* b&ey dk irk fu;eku lkj fy[kk gkuk pkfg; vU;Fkk ey okil vk tkrk g A

* b&ey dk irk Bhd gku ij Hkh rduhdh dkj.kk l ey okil vk tkrk g] ftl **ckml&ey** dgr g A

* b&ey ikIr dju d fy, ikIrdrk d dEI;Vj dk pky j[kuk vko';d ugh g A vFkkr cn dEI;Vj dh fLFkfr e Hkh b&ey LVkj gk tk,xk] cl'k b&ey lc/kh vko';d ckr ykx gkrh gA

* b&ey dh xkifu;rk cuk; j[ku d fy, mi;kxdrk dk vko';d lko/kkuh cjruh pkfg,] tl xkiuh; i=kpkj dk dV d :i e if"kr djuk A

* bUVjuV b&ey i.kkyh d vUrxr dEI;Vj jkmVj] fct] xVo vkfn dk vko';drk vulkj mi;kx gkr g, vkx igpkrh g A

;k

QkDl ik d Qkby

QkDl ik }kjk lkekU;r% fufer Qkby ,o mud f}rh;d ukek dh rkfydk iLrr gA

Qkby dk idkj	f}rh;d uke
MkVk cl Qkby	DBF
eek Qkby	FTP
ikxke Qkby	PRG
bMDl Qkby	IDX
dEikmM Qkby	CDX
LØhu Qkby	SCR
LØhu eek Qkby	SCT
ycy Qkby	LBL
cdvi Qkby	BAK

VDlV Qkby	TXT
eu Qkby	MNT
0; Qkby	VUE
VEijjh Qkby	TMP
,DthD;Vho Qkby	EXE

mRrj 16 **foftvy cfld bLVky'ku**

fotvy cfld dk dEl;Vj e install dju d fy, fuEukulkj dk; djuk iMxk&

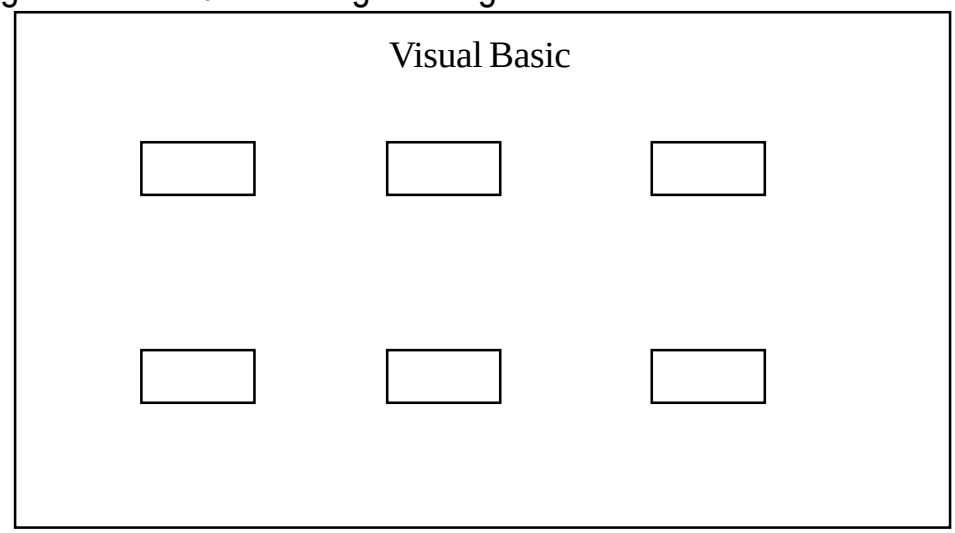
1- flLVe foUMk@XP vkijfVx flLVe gkuk pkfg,A

2- de l de 256 ,e-ch- je gkuk pkfg,A

3- ok;jl ugh gkuk pkfg,A

4- ikllj dh LihM Bhd gkuk pkfg,A

mijkDr ijh{k.k d ckn lcf/kr lhMh dk lhMh Mkbo e Mkydj fDyfdx eFkM l folvy cfld dk bLVky djr gA bLVky'ku d ckn ikxke d }kjk pykr g ftll fd LØhu ikIr gk tkrk gA



;k

MkVk lii"k.k rduhfd

dkbZ Hkh MkVk ,d LFkku l nlj LFkku rd fofHkUu idkj d flXuy d ek/;e l xeu djrk g] tk dfj;j d }kjk ¼okgd½ vkokxeu djr g A MkVk li"k.k l tM fofHkUu idkj d 'kCn fuEu g ¼&

ckM jVs

ckM jV MkVk li"k.k dh nj gkrh g] tk ;g crkrh g] fd dkb flXyu 1 ld.M e fdru ckj ifjofrr gkrk g A lkekU;r% ;g nj 300 & 9000 gkrh g A

c.M foMFk

c.M foMFk ;g lfpr djrk g] fd dkb dfj;j vFkkr fdruh lpuk ,d= dj ldrk g A

vVu,'ku

bld vrxr MkVk dk fdlh ek/;e l iokfgr gku ij flXuy dh rhork fdruh de ;k T;knk gk tkrh g] vVu,'ku r; dh xbZ njh d lekuikrh gkrh g A

mRrj 17 **uVod &**

dEI;Vl o gkMo;j midj.kk dk ,lk leg ftUg fdlh lpkj ek/;e ¼VyhQku] MkVkdkM½ l tkMk x;k gk] ft ldk mnn'; ,d lkFk db mi;kxdrkvk dk lfo/kk inku djuk] ft ll vko';drkulkj QkbYl ;k MkVk dk mi;kx fd;k tk ld] uVod d :i e tkuk tkrk g A

uVod d e[; rRo

1- dEI;Vl@Vehuy@ukMl@odLV'ku

2- lk¶Vo;j

3- gkMo;j ijhQjYl

;k

ekMe

MkVk lpkj d fy, VyhQku ykbu l ikIr lhfj;y MkVk dk ijyy MkVk e ifjofrr djuk gkrk g A blh idkj VyhQku ykbu l ikIr lhfj;y MkVk dk ijyy MkVk e ifjofrr djuk gkrk g] ft ld fy, ekMe dh vko';drk gkrh g A okLro e ekMe ,d Modulation Demodulation dk lf{kIr :i g A

;g nk idkj dk gkrk g %&

1- vkrfjd ekMe]

2- ckg; ekMe]

vkrfjd ekMe %&

vkrfjd ekMe fiVM lfdV ckM ij gh cu gkr g] rFkk dEI;Vj d lhih; d Hkhrj gh lLFkkfir gkr g A bldh dher de gkrh g A vyx l fo|r llykb dh vko';drk ugh gkrh A vkrfjd ekMe lh/k gh ihlh l tM gkr g A lhfj;y MkVk lpkj d fy, lcl egRoi.k phi UART ftldk foLrkj Universal Asynchronous Reciever & Transmeter g A ;gh phi ijyky MkVk dk lhfj;y MkVk e ifjofrr djrh g A

ckg; ekMe %&

ckg; ekMe fiVM ckM ij u gkdj vyx l dcy }kjk lhih; e duDV fd;k tkrk g A bldh dher vkrfjd ekMe 5 l 10 xuk rd gkrh g A tc Hkh ckg; ekMe dk mi;kx fd;k tkuk gk ;g tkuuk vko';d g] fd phi dk mi;kx dkEikV dj jgh g] ;k ugh A ckg; ekMe dk i;kx djr le; bl ckr dk fo'k"k /;ku j[kuk pkfg, fd UART leLr dcy ,o ikV vPN DokfyVh d gkA

[k.M&,Q

mRrj 18

1. Set Date - MV QkjeV e cnyu d fy,
2. CDOW - djDVj MV vkQ fod
3. DOW - MV vkQ fod
4. SQRT - oxey fudkyu d fy,
5. Round - jkmM d fy,
6. USE - Qkby mi;kx dju d fy,

;k

lkf[;dh QD'ku

nk egRoi.k 0;td g&

1- FV 0;td & ;g 0;td fdlh ey/ku dk pØof) C;kt dh nj l fdlh fuf'pr vrjky d i'pkr feJ/ku Kkr djrk gA

FV (Payment, interest, P----)

2- PV 0; td bl 0; td l fdlh /ku dk ,d fuf'pr C;kt nj ij ,d fuf'pr le; i'pkr feyu oky feJ/ku dk oreku eY; Kkr fd;k tkrk gA

PV (Payment, interest, P----)

mRrj 19 **fjekV ykfxx &** VyuV tlh lfo/kkvk }kjk ,d LFkku l nlj LFkku ij fLFkr dEI;Vj e dk; dju dh ifØ;k fjekV ykfxx dgr gA

U;wt xi & bVjuV e ;g egRoi.k lfo/kk gA ftll ,d lkFk vudk ykxk dk bUVjuV dh ,d ,lh lfo/kk ftle fofHkUu idkj d i'uk dk mRrj ,o vud fo"k;k lc/kh tkudkjh ;tuV ;k U; t xi e LVkj jgrk g] ftl vko';drkulkj mi;kx e ykdj lcf/kr leL;kvk dk fujkdj.k fd;k tk ldrk g A bl lekpkj leg ;k U; tuV ;k uV U; t d uke l Hkh tkuk tkrk g A

SNMP %& bll lcf/kr tkudkjh fuEukulkj g &

* SNMP dk vkfo"dkj flEiy uVod euteUV ikVkdky g A
* ; dkQh tfVy ikVkdky g A
* uVod dk lpk: :i l pyku d fy, bldk mi;kx gkrk g A

FTP % dEI;Vj e mifLFkr Qkby dk bUVjuV dh lgk;rk l Hktk tkuk Qkby VklQj ikVkdky dgykrk g A

FAQ %

gke i t& tc dEI;Vj e bUVjuV dk duDV fd;k tkrk g] rk lcl igy tk it ge LØhu ij ikIr gkrk g] tk lkekU;r% lLFkk l lcf/kr ¼;fn lLFkk dk viuk Lo; dk ocl kbV gk½ tkudkjh ikIr djrk g] ;k eupkgk it ftl geu bld fy, fu/kkfjr dj j[kk g] gke it dgykrk g A

Set - C

gkbLdy lfVfQdV ijh{kk

High School Certificate Examination

lEiy&i'u i=

SAMPLE PAPER

fo"k; & (Subject) - dEI;Vj ,lyhd'ku **le; 3 ?k.Vk** (Time- 3 Hrs)

d{kk & (Class) - ckjgoh **i.kkd 75** (M.M.)

(Instruction) & ¼fun'kZ½

1- lHkh i'u gy djuk vfuok;Z g A

Attempt all the Question

2- i'u Øekd 01 e 10 vd fu/kkfjr g A nk dky[k.M g A [k.M ^^v** e 05 cgfodYih; i'u rFkk [k.M ^^c** e 05 fjDr LFkkuk dh ifr vFkok mfpr lc/k tkfM, A iR;d i'u d fy, 1 vd vkcfVr g A

Q. No. 01 Carries 10 Marks. There are two sub-section, Section A is Multiple choice carries 05 marks and section B is fill in the blanks or match the column carries 05 marks.

3- i'u Øekd 02 l i'u Øekd 06 rd vfr y?kqRrjh; i'u g A iR;d i'u ij 02 vd vkcfVr g A mRrj dh vf/kdre 'kCn lhek 30 'kCn A

Q. No. 2 to 06 are very short answer type question & it carries 02 marks each. Word limit is maximum 30.

4- i'u Øekd 02 l i'u Øekd 06 rd y?kqRrjh; i'u g A iR;d i'u ij 03 vd vkcfVr g A mRrj dh vf/kdre 'kCn lhek 50 'kCn A

Q. No. 10 to 15 are short answer type question & it carries 03 marks each. Word limit is maximum 50.

5- i'u Øekd 11 l i'u Øekd 14 rd y?kqRrjh; i'u g A iR;d i'u e vkrfjd fodYi g vkj iR;d i'u ij 04 vd vkcfVr g A mRrj dh vf/kdre 'kCn lhek 75 'kCn A

Q. No. 11 to 14 are short answer type question & it carries 04 marks each. Each question has internal choice. Word limit is maximum 75.

6- i'u Øekd 15 l i'u Øekd 17 rd nh?kmRrjh; i'u g A iR;d i'u e vkrfjd fodYi g vkj iR;d i'u ij 05 vd vkcfVr g A mRrj dh vf/kdre 'kCn lhek 75 'kCn A

Q. No. 15 to 17 are long answer type question & it carries 05 marks each. Each question has internal choice. Word limit is maximum 75.

7- i'u Øekd 18 l i'u Øekd 19 rd nh?kmRrjh; i'u g A iR;d i'u e vkrfjd fodYi g vkj iR;d i'u ij 06 vd vkcfVr g A mRrj dh vf/kdre 'kCn lhek 150 'kCn A

Q. No. 18 to 19 are long answer type question & it carries 06 marks each. Each question has internal choice. Word limit is maximum 150.

¼[kM &v½

lk'Uk 1¼v½ Lkgh f0kdYlk PkUkdj fYk[kk%&

1- dEI,kVj UkV0kd dk 0kXkhdjj.k LkCk/kfRk g–

¼v½ RkhUk ¼Ck½ Pkkj

¼Lk½ lkkPk ¼n½ LkHkh A

2- vkflVdYk Qkbckj dh Ck.M f0kMFk gkRkh g–

¼v½ 100–200 EkXkk gVTk ¼Ck½ 200–300 EkXkk gVTk

¼Lk½ 300–400 EkXkk gVTk ¼n½ 100– 400 EkXkk gVTkA

3- XkV0k dk dk,k g–

¼v½ nk lkdkj d UkV0kd dk TkkMUkk

¼c½ nk lkdkj d UkV0kd dk vYkXk djUkkA

¼l½ 0kd LV'kUk dk fUkEkk.k djUkk A

¼n½ QkbYk Lk0kj dh Rkjg dk,k djUkk A

4- bFkjUkV Lk LkCkf/kRk Lkgh dFkUk g%–

¼v½ fjXk VkIkkYkkTkh Lk LkCkf/kRk gA

¼Ck½ CkLk VkIkkYkkTkh dk mIk,kkXk gkRkk gA

¼Lk½ VkdUk IkkfLkXk f0kf/k dk mIk,kkXk gkRkk gA

¼n½ mIkjkDRk LkHkhA

5- QkDLkIkkEk USE fUkn'k dk mIk,kkXk gA

¼v½ lkgYk Lk CkUkh QkbYk dk mIkYkC/k djkUkk A

¼c½ Ukb QkbYk CkUkkUkk A

¼l½ Ukb QkbYk dkj Ikjkukh QkbYk Ek TkkMUkk A

¼n½ QkbYk dk Ckn djUkk A

Que 1 (A) Select Right option:

1. Computer network is related to –

(a) three (b) four

(c) five (d) all of the above

2. Band-width of optical fiber is –

(a) 100–200 mega hetz. (b) 200–300 mega hetz.

(c) 300–400 mega hetz. (d) 100– 400 mega hetz.

3. Work of Getway is –

(a) Connecting two type of network

(b) Seprate two type of network

(c) construction of work station

(d) Work like file server

4. True statement related to Eathernet is –

(a) related to Ring topology

(b) Use of Bus topology

(c) Method used to taken passing

(d) All of the above

5. In foxpro use command is related to

(a) Display previous file

(b) Making new file

(c) Add new file to old file

(d) Close the file

¼Ck½ [kkYkh LFkkUk Hkfj,k–

1- MkVk CkLk QkbYk dk f}Rk,kd UkkEk ————gA

2- VEIkjjh QkbYk dk f}Rk,kd UkkEk ————gA

3- bUVjUkV dUkDV djUk Ikj LkCkLk IkgYk Tkk IkTk LØhUk IkkIRk gkRkk g ———— dgYkkRkk gA

4- f0kTkvYk CkfLkd Ek DAO dk f0kLRkkj————gA

5- f0kTkvYk CkfLkd Ek ————d vRkXkRk jXkk dk LkXkg gkRkk gA

(b) Fill in the Blanks –

1. Secondary name of data base file .....
2. Secondary name of Temporary file .....
3. First page display after connecting internet's known as .....
4. Full term of DAO .....
5. Colour is collected in VB .....

¼[kM Ck½ lkR,kd lk'Uk 2 vad dk gSA

i'Uk 2 vkPkh D,kk g\

What is Archie?

lk'Uk 3- Pkkj VkLk fEk'kUk PkUkYk dk UkkEk fYk[kk\

Write Four name of Transmission Channels?

lk'Uk 4- VAN D,kk g\

What is VANS?

lk'Uk 5- MkVkCkLk LFkklkR,k d RkhUk Pkj.k dk UkkEk fYkf[k,A

Write three Name of (Level) Database Architechture.

lk'Uk 6- QkDLkIkkEk dEkkM f0kUMk D,kk g\

What is Command Window in Foxpro?

¼[kM&Lk½

lk'Uk 7- UkVOkd d mí',k D,kk g\

What is object of Network?

lk'Uk 8- OkCk Ckkmk D,kk g\

What is Web Browser?

lk'Uk 9- vkRkfjd vkj Ckká EkkMEk Ek D,kk vRkj g\

What is Difference between Internal and External Modem?

lk'Uk 10- bVjUkV dUkDV djUk dh dkUk –dkUk Lk f0kf/k,kk g\

Write methods of connecting Internet?

¼[kM–n½ lkR;kd lk'Uk 4 vad dk g\–

lk'Uk 11- f0kTkvYk CkfLkd Ek QkEk fMTkkbUk D;kk g LkEkÖkkb;k\

Explain Form Design in VB?

;kk

VYk CkkDLk dk UkkEkkfdRk fPk«k CkUkkb;k\

Draw Namiclature Diagram of Tool Box?

lk'Uk 12- QkDLkIkk Ek fUkEUk d fYk, dEkkM fYkf[k, –

1- MkVkCkLk QkbYk CkUkkUkkA

2- QkDLk IkkEk IkkXkkEk CkUkkUkk

3- IkkXkkEk jUk djUkk ¼QkDLkIkkEk½

4- MkVkCkLk LVDPkj dk CknYkUkk

Write command in Foxpro for following -

1. Database file creating
2. Making programme in foxpro
3. Run the programme in foxpro
4. Change Database structure.

lk'Uk 13 MkVkCkLk d lkdkj dk LkEkÖkkb;k\

Explain types of Database.

;kk

dEI;kVjhÑRk MkVk CkLk dh D;kk vkOk';kdRkk g\

Write Necessity of Computersied database.

lk'Uk 14- f0kTkvYk CkfLkd Ek fUkEUk d fYk, IkkXkkEk CkUkkb;k–

Make a programme in VB for

v = u + at

;kk

QkDLkIkk Ek Ek fUkEUk d fYk, IkkXkkEk CkUkkb;k\

Make a programme in foxpro for following-

v = u + at

¼[kM–b½ lkR;kd lk'Uk 5 vkd dk gSA

lk'Uk 15- bVjUkV Ek Uk;kk ID dLk CkUkkRk g\

Explain creating New ID in internet.

;kk

QkDLkIkkEk d f0kfHkUUk fQYM VkbIk dk LkEkÖkkb;k\

Explain Field type in Foxpro.

lk'Uk 16- lkkXkkEk Lkjpkukk D;kk g\

Explain Programme structure.

;kk

LkIk"k.k d dkUk–dkUk Lk lkdkj g\

What are the types of communication?

lk'Uk 17- fUkEUk dk LkEkÖkkb;k\

1- fLkEIYkDLk

2- gkQ MIYkDLk

3- QYk MIYkDLk A

Explain following-

1. Simplex
2. Half Duplex
3. Full Duplex

¼[kM–b½ lkR;kd lk'Uk 6 vkd dk gSA

lk'Uk 18- VkIkkYkkTkh fdRkUk lkdkj dk gkRkk g LkEkÖkkb;k\

Explain Types of Topology

;kk

YkUk] EkUk]0kUk D;kk g LkEkÖkkb;k\

Explain LAN, MAN, WAN

Ik'Uk 19- QkDLkIkk Ek fUkEUk dk LkEkÖkkb¸k\

Explain in Foxpro.

1- Sorting

2- Indexing

¸kk

QkDLkIkk Ek fjIkkfVXk dk LkEkÖkkb¸k\

Explain Reporting in Foxpro.

lEiy mRrj lV&lh

mRrj 1 ¼v½ cgfodYih;

1- ¼v½ rhu

2- ¼n½ 100&400 exkgVt

3- ¼v½ nk idkj d uVod l tkMuk

4- ¼c½ cl Vkikykth

5- ¼v½ igy l cuh Qkby dk miyC/k djkuk

¼c½ fjDr LFkku

1- DBF

2- TMP

3- Homepage

4- MVk ,Dll vkCtoj

5- OLE

mRrj 2 **vkPkh**

1- vkPkh 0kg Lkf0k/kk g Tkk bVjUkV Ikj LkCkf/kRk QkbYk [kkTkUk Ek mIk¸kkXk dRkk dh Lkgk¸kRkk djRkh gA

2- vkPkh ,d MVk CkLk Ik.kkYkh gA

3- vkPkh dk [kkTk ,YkUk ,LVTk] fCkYk gkYkUk ,0k IkhVjM¸kLk UkkEkd Nk«kk Uk fd¸kkA

4- vkPkh dk mIk¸kkXk VYkUkV d Ekk/¸kEk Lk djUkk LkjYk gA

mRRkj 3 **V'kLkfEk lUk PkUkYk**

1- fV0kLVM Ik¸kj dCkYk

2- dk,fDLk¸kYk dCkYk

3- vkflVdYk Ikkbckj

4- jfM¸kk 0kCk

mRRkj 4 **ou**

oY; ,MM uVod bldk foLrkj g &

1- ekbØk oo dh lfo/kk inku djrk gA

2- lVykbV l tkudkjh ikIr gkrh gA

3- QDl e'khu dk dk; i.kkyh blh J.kh e vkrk gA

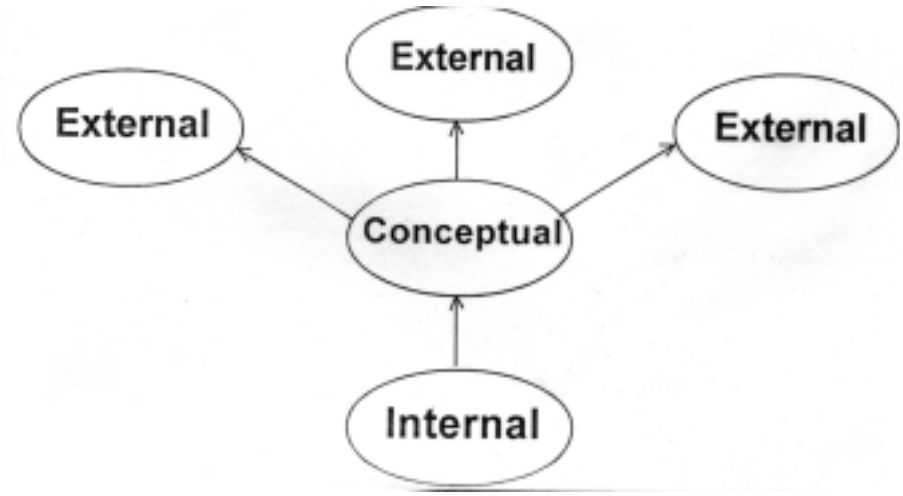
4- dEl;Vj }kjk b&ey Hktuk blh J.kh e vkrk gA

mRRkj 5 **MkVk cslLFkkiR; ds rhu pj.k&**

1- vkrfjd vFkok Hkkfrd nf"V dk.k (Internal or Physical View)

2- ifjdYiuh; nf"V dk.k ¼Conceptual View½

3- rkfdd ;k ckg; nf"V dk.k ¼Logical or External View½



mRRkj 6 **QkDl ik e dekM foUMk &**

QkDl ik dk tc pkyy djr g rk ,d foMk vkrk g bl dekM foUMk dgr g blh e ge QkDl ik l fjyVM dekM nr gA

Command Window

bll ckgj vku d fy, fy; quit dekM nr gA

¼[k.M&Lk½

mRRkj 7 uVod d mÌ';&

1- lk/kuk dh lk>nkjh

2- fo'oluh;rk

3- cpr

4- mRre lpkj 0;oLFkk

mRRkj 8 **oc ckmtj**

,l lk¶Vo;j tk fdlh mi;kxdrk dk bVjuV dju ij mle miyC/k lkexh dk n[ku] luu] i<u o ikIr dju dh lfo/kk miyC/k djkr gA oc ckmtj dgykr gA fofHkUu vkijfVx flLVe d fy, vyx&vyx oc ckmtj miyC/k gA tk fuEu g&

	Operating System	Web brouser
1.	Unix Operating System	(LYNX)
	Windows Operating System	CELLO, WINWEB, Net scape Explorer
	ed vkijfVx flLVe	(SAMBA, MACWEB)

mRRkj 9 vkrfjd ,o ckg; ekMe]

MkVk lpkj d fy, VyhQku ykbu l ikIr lhfj;y MkVk dk ijyy MkVk e ifjofrr djuk gkrk g A blh idkj VyhQku ykbu l ikIr lhfj;y MkVk dk ijyy MkVk e ifjofrr djuk gkrk g] ft ld fy, ekMe dh vko';drk gkrh g A okLro e ekMe ,d Modulation Demodulation dk lf{kIr :i g A ;g nk idkj dk gkrk g %&

1- vkrfjd ekMe] 2- ckg; ekMe]

1- vkrfjd ekMe %&

vkrfjd ekMe fiVM lfdV ckM ij gh cu gkr g] rFkk dEI;Vj d lhih; d Hkhrj gh lLFkkfir gkr g A bldh dher de gkrh g A vyx l fo|r llykb dh vko';drk ugh gkrh A vkrfjd ekMe lh/k gh ihlh l tM gkr g A

lhfj;y MkVk lpkj d fy, lcl egRoi.k phi UART ftldk foLrkj Universal Asynchronous Reciever & Transmeter g A ;gh phi ijyky MkVk dk lhfj;y MkVk e ifjofrr djrh g A

2- ckg; ekMe %&

ckg; ekMe fiVM ckM ij u gkdj vyx l dcy }kjk lhih; e duDV fd;k tkrk g A bldh dher vkrfjd ekMe 5 l 10 xuk rd gkrh g A tc Hkh ckg; ekMe dk mi;kx fd;k tkuk gk ;g tkuuk vko';d g] fd phi dk mi;kx dkEikV dj jgh g] ;k ugh A ckg; ekMe dk i;kx djr le; bl ckr dk fo'k"k /;ku j[kuk pkfg, fd UART leLr dcy ,o ikV vPN DokfyVh d gkA

mRRkj 10 **bVjuV duDV dju dh fof/k;k**

rhu fof/k;k g %&

1- Shell

2- TCP/IP

3- yhTMykbu duD'ku

[k.M&n

mRRkj 11 **foftVy cfld e Qke fMtkbu**

fotvy cfld dk gj ,lyhd'ku fdlh u fdlh idkj d Qke ij vk/kkfjr gkrk gA ,d Qke fdl idkj dk; djxk vFkok LØhu ij dlk fn[kie ;g lfuf'pr dju d fy, Qke d lkFk db ikiVht o methods tkM tkr g tk Qke d dk; i.kkyh dk fu/kkfjr djrk gA Qke d x.k fuEu g&

1. Border style
2. Caption
3. Control Box
4. Fonts
5. Name

6. Windows style
7. Tcon.
8. Max Button and Min Button
9. Startup positon

mijkDr cVu l vko';drkulkj Qke fMtkbu djr gA Qke d cVu e ekml dk pyku l ;g dku lk cVu g irk py tkrk gA

¼,kk½

VlYk CkkDLk dk UkkEkkfdRk fPk«k

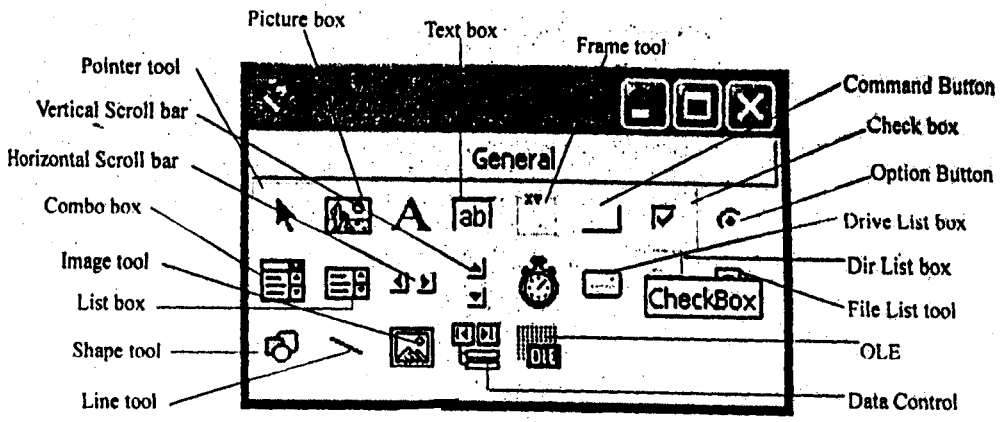
CkVUkk dk ,d LkEkg g] fTkUg dVkYk CkVUk dgRk g RkFkk vkOk',kdRkkUkLkkj bLk QkEk lkj LFkkUkkRkfjRk dj lkkXkkEk Ek lk,kkXk djRk gA bLkd Ek[,k HkkXk fUkEUk g &

1- YkCkYk CkkDLk 2- VDLkV CkkDLk 3- flkDPkj CkkDLk

4- fYkLV CkkDLk 5- dkECkk CkkDLk 6- Pkd CkkDLk

7- jfM,kk CkVUk

bLkd vfRkfjDRk vkj Hkh db CkVUk gkRk g bUk CkVUkk dh f0kLRkRk TkkUkdkjh fUkEUk g &



mRRkj 12 **QkDl ikl dh dekM**

1- MkVkCkLk QkbYk - create

2- QkDLk lkk Ek lkkXkkEk CkUkkUkk - modi comm

3- lkkXkkEk jUk djUkk ¼QkDLklkk Ek½ - do

mRRkj 13 **MkVk cl d idkj**

MkVk cl d e[; ikp ekMy gkr g] ftld vUrxr MkVk d LVkjt rFkk iuikflr dh ifØ;k ifjHkkf"kr dh tkrh g A

1- gk;jkfpdy

2- uVod

3- fjy'ku

4- vkCtDV vkfj,VM

5- fMfMDVo

gk;jkfpdy

* bl ekMy d vrxr tkudkfj;k dk Vh LVDpj d :i e i;kx fd;k tkrk gA
* fdlh lLFkku d vrxr fofHkUu idkj d tkudkfj;k dk iLrr dju d fy, bldk mi;kx gkrk g A
* ,d gk;jkfpdy ekMy e fjdkM ,d nlj l dMh d ek/;e l tM gkr g A
* bld vrxr :V] ijV] pkbYM Øekulkj tkudkjh miyC/k gkr g A

uVod

fjy'kuy

vkCtDV vkfj,VM

* vkCtDV d lxg ij vk/kkfjr gkrk g A
* MkVk rFkk mld i;kx nk fHkUu bdkb;k d :i e 0;ogkj e yk;k tkrk g A
* MkVk rFkk ikxke nkuk ,d vkCtDV d vnj jgrk g] tl depkjh l lcf/kr fofHkUu tkudkjh A
* ,d Dykl d vnj db miDykl gk ldr g A

fMMfDVo

* bl ekMy d vrxr vkl'ku l fdlh fof'k"V MkVk dk irk py ldrk g A
* ijh{kk ifj.kke bVjuV ij blh ekMy d vrxr cuk;k tkrk g A
* cfdx i.kkyh d vrxr miHkkDrkvk d vkb-Mh- bldk mnkgj.k g A
* xl forj.k i.kkyh e miHkkDrkvk dk nh tku okyh fjfQfyx lfo/kk bldk mnkgj.k gA

;k

MkVk cl dh vko';drk,&

MkVk dk j[k&j[kko Hkfo"; e lpuk ikfIr d fy, ,d egRoi.k llk/ku g A igy le; e MkVk dk j[ku d vud rjhd Fk] ft le l dN vkt Hkh ipfyr g A tl MkVk dk Qkbyk e] dkfi;k e ;k dN ;=k dk lgkjk ydj tl Vkbijkbvj] VyhQku] MIyhdfVx] QkVk dkfi;l d }kjk j[kk tkrk jgk g] ftll lxg.k i)fr dh dN xyfr;k lkeu vk;h A bu mijkDr dfe;k dk nj dju d fy, dEI;VjhÑr MkVk cl dh vko';drk gb &

1- dEI;Vj dh lxg.k {kerk ,o xfr dkQh vf/kd gkrh g A

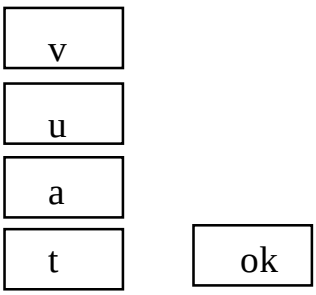
2- MkVk ikIflx dk dk; vklkuh l gkrk g A

3- euvy MkVk ikIflx d yxHkx lkj nk"k nj gk tkr g A

4- dEI;VjhÑr MkVk cl vko';drk iMu ij lh-Mh- e lxfgr dh tk ldrh gA

5- fofHkUu idkj d lkfVx dk dk; vklkuh l dh tk ldrh g A

mRRkj 13 VB e ikxke



General 1

Dim v as integer
Dim u is integer
Dim a as integer
Dim t as integer

Private sut tex

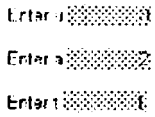
u = text 1 text
a = text 2 text
t = text 3 text
v = u + 2 a × t
text 4 . text = v
End sub

;k

QkDl&ik e ikxkeA

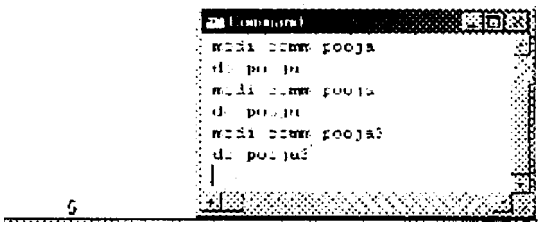
mÌ';& lehdj.k
v= u + 2at d fy; QkDl&ik
e ikxkeA

vko';d midj.k& dEl;Vj ftle
QkDl&ik lk¶Vo;j bLVky gkA
fl)kUr& v= u + 2at



ikxke&

```
Modi comm Pooja3
clear
u = 0
a = 0
t = 0
@ 7, 5 Say "Enter u" get u
@ 9, 5 Say "Enter a" get a
@ 11, 5 Say "Enter t" get t
read
v = u + a*t
```



fu"d"k& ikxke dk do dek.M l ju djxA ;fn ge u, a, t dk eku Øe'k% 3] 2] 1 j[k rk vkmViV 5 ikIr gkxkA

fl)rk&

```
v    = u + at
     = 3 + 2*1
     = 3 + 2
     = 5
```

[k.M&b

mRrj 15 bVjuV e u;k vkb Mh cukuk

;g dk; fuEu step e gkrk gA

1- b&ey [kkyuk

2- [kkrk [kkyu dh fof/k

1- dEI;Vj dk uV l tkMuk

2- Login registered djuk

3- Inter Button dk fDyd djuk

4- b&ey

5- b&ey dk n[ku d fy, Check mail

;k

QkDl ik dh fQYM Vkbi&

e[;r% N% fQYM g&

1. Character Field & vf/kdre 254 v{kj
2. Numeric Field & vkfdd MkVk xg.k
3- Floate Field &
4. Date Field & 8 djDVj
5. Logical Field & T/F
6. Memo field & 10 djDVj

mRrj 16 **QkDl ik e ikxkfex ljpuk,**

QkDl ik e dN fof'k"V ifØ;kvk dk iHkkoh vkn'k nu d fy, dN ljpuk, cukb xb g ftl ikxkfex ljpuk, dgr gA

1. If....else....endif
2. No sted if....else...endif
3. Do while....end do
4. Nested Dr. while ..... enddo
5. For....end for

6. Do case.... end case

;k

li"k.k d idkj

byDVkfud flXuy nk idkj d gkr g]

1- ,ukykx

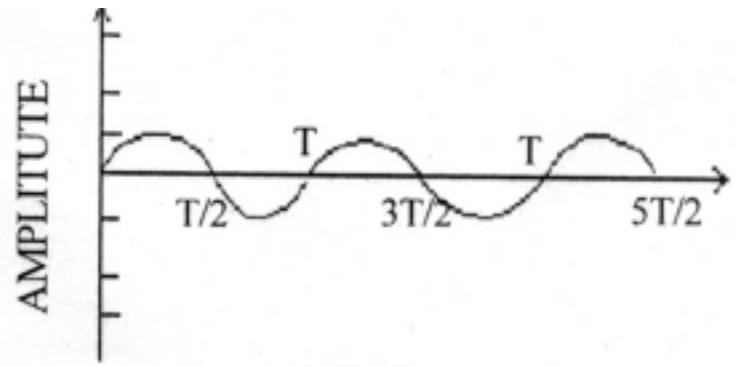
2- fMftVy

,ukykx flXuy %&

iÑfr e vfojr pyu okyh flXuy dk ,ukykx flXuy dgr g A lkekU; thou d fofHkUu {k=k e ,ukykx flXuy l lcf/kr mnkgj.k & /ofu] idk'k ,o VyhQku flLVe 'kkfey g A

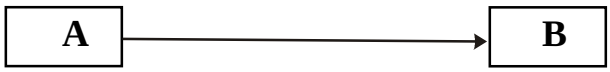
fMftVy flXuy %&

ucj flLVe d vrxr fMftVy vFkkr ck;ujh i.kkyh ,d idkj dk ucj flLVe g] ft ldk vk/kkj 2 g A vFkkr bl ucj e 0 vkj 1 'kkfey g] ;k bl idkj dgk tk ldrk g] fMftVy flXuy 0 vkj 1 l feydj cuk g A tk byfDVd flXuy dk 1 vFkkr vkQ d : i e inf'kr djrk g A oreku e lHkh dEI;Vj blh ifØ;k d vrxr dk; djrk g A bl idkj d flXuy e xyfr;k dh lHkko, de gkrh g A bl idkj d flXuy dh lcl cMh deh ;g g fd ; T;knk njh r; ugh dj ikr yfdu cLVj dh lgk;rk l flXuy dh njh ,d lhek rd c<kb tk ldrh g A



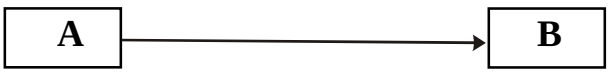
flEIyDl

bl voLFkk e MkVk dk ilkj.k flQ ,d gh fn'kk e gk ldrk g A nk LV'kuk e ,d flQ ,d MkVk ilkfjr dj ldrk g] tcfd nljk flQ MkVk xg.k dj ldrk g A



gkQ M;IyDl

bl voLFkk e MkVk dk ilkj.k nkuk fn'kkvk e gk ldrk g A vFkkr **A** rFkk **B** nkuk gh flXuy Hkt ldr g A yfdu ,d ckj e doy ,d gh LV'ku gh flXuy Hkt ldrk g A flXuy ;k rk **A** l **B** dh vkj ;k **B** l **A** dh vkj gkxA

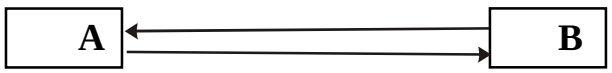


flXuy **A** l **B**

flXuy **B** l **A**

Qy M;IyDl

bl idkj dh voLFkk e ilkj.k nkuk fn'kkvk e ,d lkFk gkrk g A **A** rFkk **B** nkuk ,d lkFk ,d nlj dk MkVk ilkfjr rFkk xg.k dj ldr g A



mRrj 18 Vkikykth & dEI;Vj uVod dh Hkkfrd ljpuk fuEu gk&

1- LVkj Vkikykth

2- fjx Vkikykth

3- cl Vkikykth

4- Vh Vkikykth

5- e'k Vkikykth

6- xkQ uVod Vkikykth

LVkj Vkikykth

Qk;n %

1 cgrj uVod ic/ku fd;k tkrk g A

1 lokf/kd ipfyr Vkikykth g A

3 dkb ykdy dEI;Vj dke djuk cn dj n rk ijk uVod iHkkfor ugh gkrk A

4 LVkj Vkikykth e ukMl d tkMu d fy, de l de ykbuk dh vko';drk gkrh g A

5 vfrfjDr ukMl tkMu ij Vklfe'ku fMy ugh gkrk A

udlku %

1- LVkj Vkikykth dUnh; dEI;Vj ij fuHkj jgrk gA

2- dUnh; ;k gkLV dEI;Vj d dke u dju ij ijk flLVe dke djuk cn dj nrk g A

fjx Vkikykth

Qk;n %

1 LVkj uVod dh ryuk e fo'oluh; g A

2 lpkj ,d dEI;Vj ij fuHkj ugh gkrk A

3 ;g ,d fMLVhC;VM MkVk ikIflx flLVe g A

4 ;g mu txgk d fy, mi;kxh g] tgk dUnh; dEI;Vj ugh gkrk A

5 fdUgh nk dEI;Vjk d e/; lpkj fyd dke u dju ij ifjofrr@vfrfjDr ekx Hkh lHko g A

udlku %

1 fjx uVod LVkj uVod dh rjg ykdfi; ugh g A

2 tfVy lk¶V o;j dh vko';drk ugh gkrh g A

3 uVod e MkVk lpkj dh xfr uVod e yx dEl;Vjk dh l[;k d lekuikr e gkrh g A

4 ftru vf/kd dEl;Vj uVod e tM gkx mruk gh vf/kd oDr MkVk lpkj e yxxk A

cl Vkikykth

Qk;n %

1- bl uVod e dcy dh yEckb de gkrh g A bldh ok;fjx djuk vklku g A D;kfd ble lHkh ukM dk duDV dju d fy, dkeu MVk ikFk gkrk g A blfy, bl uVod e cgr de yckb dh dcy mi;kx dh tkrh g A

2 gkMo;j d :i e n[kk tk, rk ,d lk/kkj.k vkj cgr gh fo'oluh; g A

3 cl uVod d fdlh Hkh ikbV ij vfrfjDr ukMl tkMu dh lfo/kk gkrh g A

udlku %&

bl uVod dh lcl cMh deh ;g g fd ;fn lpkj ek/;e vFkkr dcy dke djuk cn dj n] rk ijk flLVe dke djuk cn dj nrk g A bl uVod l tM iR;d dEl;Vj dk vPN ,o tYnh fu.k; yu ,o lokn LFkkfir dju dh {kerk gkuh pkfg, A

Vh Vkikykth %

;g cl Vkikykth dh rjg dk; djrk gA bld vUrxr ,d l vf/kd ukMl dk J[kykc) <x l tkMk tkrk gA igyk ukM &&& ukM gkrk g ftld ,d ;k vf/kd pkbYM ukM gkr gA ble ,d ukM dh iVUV ukM gkrh g ftld ek/;e l mle MkVk ,d midj.k l nlj midj.k rd igprk gA

e'k Vkikykth %

bl Vkikykth e fofHkUu midj.k ,d&nlj l ,d ;k ,d l vf/kd ukM d ek/;e l tM jgr g A

;g nk idkj dk gkrk g A

1 i.k e'k Vkikykth

2 vkf'kd e'k Vkikykth

;k

ykdy ,fj;k (LAN)

1- NkV Hkkxkfyd {k= e mi;kx gkrk gA

2- lpuk; vknku&inku dju e mi;kx djrk gA

3- bldk mi;kx QDVh] vkfQl e gkrk gA

4- tM dEI;Vj iluy dEI;Vj gkr gA

eVkikfyVu ,fj;kuVod (MAN)

1 Hkkxkfyd {k= 100 fd-eh- f=T;k okyk rd gk ldrk gA

2 ;g uVod fdlh 'kgj e fLFkr fofHkUu futh dk;ky;k d fy; gk ldrk gA

3 Vyhfotu uVod l lcf/kr gA

okMM ,fj;k uVod (WAN)

bl idkj dk uVod VyhQku@MkVkdkM] lVykbV l tM gkr g A egRoi.k tkudkjh fuEu g&

1- vU; uVodk **(LAN, WAN)** l budk dk; {k= foLrr gkrk g A

2- dcy dk mi;kx A

3 MkVk dk lpkj d fy, VfyQku@ok;jyl vko';d g A

4- bld mnkgj.k vikuV **(ARPANET)** bMkuV **(INDONET)** ,lchvkbuV **(SBINET)** g A

mRrj 19 **lkfVx&**

LkPkUkkvk dk fdLkh f0kf'k"V ØEk Ek TkEkkUk dh lkfØ;kk dk LkkfVXk dgRk g A QkDLkIkk Ek TkkUkdkfj;kk dk ØEkCkn/k djUk dh nk f0kf/k;kk g A

1- LkkfVXk

2- bMfDLkXk

lkfVx vkj bMfDlx nkuk dh dk; i)fr rFkk mul ikIr vkmViV d Lo:i e dkQh fHkUurk g] yfdu mudk ey mi;kx ,d gh g] vFkkr MkVk dk dec) djukA

lkfVx & MkVk Qkby dh lkfVx d QkDl&ik e nk fof/k;k g] tk fuEu g&

1 dek.M foMk e SORT fun'k d }kjk]

2 eu ckj e MkVk cl iM l SORT fodYi }kjkA

bUMfDlx

bUMfDlx dk mnn'; Hkh MkVk Qkby dk fo'k"K de e 0;ofLFkr djuk gA eyr% ;g ifd;k io e of.kr lkfVx dh ifd;k tlh gh gA yfdu tgk lkfVx d nkjku ey Qkby dh li.k ifrfyfi ,d u;h MkVk Qkby d :i e r;kj gkrh gA bUMfDlx d nkjku MkVk Qkby dh flQ og QhYM ftl ij fjdkM dk dec) fd;k tkuk g rFkk led{k fjdkM dekd gh u;h Qkby e ifrLFkkfir gkr gA lkfVx d nkjku tgk ,d u;h .dbf Qkby dk fuek.k gkrk g ftldk vkdkj ey Qkby ftruk gh gkrk g] bUMfDlx d nkjku QkDl&ik ,d .IDX Qkby dk fuek.k djrh g ftldk vkdkj ey&Qkby l cgr NkVk gkrk gA D;kfd bld vUrxr flQ dh&QhYM rFkk fjdkM dekd gh ljf{kr gkr gA

bUMfDlx dh ;g ifd;k eyr% fdrkck d vr e iLrr dh xb bMDl tlh gA ftl idkj fdrkck d vr e fn; x; bMDl e fofHkUu fo"k;k dk deokj fy[kk tkrk g rFkk mud lkeu i"B dekd Hkh fy[k tkr gA ftll vko";d fo'k; dk rjr gh <<k tk ld mlh idkj bl bMDl e Hkh dh&QhYM rFkk fjdkM dekd dk ljf{kr j[kk tkrk g ftll vko';d fjdkM dk rjr <<k tk ldrk

gA

r|ykRed v/;;u

lekurk

1- nkuk gh ifd;k e MkVk dk dec) fd;k tkrk gA

2- nkuk gh ifd;k e Qkby dk c<r ;k ?kVr de e tek;k tk ldrk gA

3- vko";drkulkj lkfVx rFkk bMfDlx mi;kxh gA

vUrj

1- lkfVx d fy, dek.M foMk e SORT fun'k rFkk bMfDlx d fy; INDEX dk mi;kx djr gA

2- lkfVx d }kjk .DBF Qkby dk fuek.k gkrk g] tcfd bMfDlx d }kjk .IDXM Qkby dk fuek.k gkrk gA

3- fdlh fo'k"k eku oky fjdkM dk rjUr <<uk g] rk INDEX vkn'k vf/kd iHkkoh gA

4- bMDl dh gb Qkby dk i;kx dju ij QkDl&ik nk vU; fo'k"k vknk'kk SEEK vkj FIND dk fd;k'khy dj nrk gA

5- bMDl Qkby de txg yrh g] tcfd lkV dh gb Qkby ey Qkby dh ub ifrfyih r;kj dj nrk gA

;k

QkDl ik e fjikfVx&

vkmViV dk vf/kd iBuh; rFkk vkd'kd cuku d fy, QkDl&ik e ,d vR;Ur iHkko'kkyh fjikV iLrfrdj.k lfo/kk inku dh xb gA ft ld tfj;

MkVk Qkby dk ,d fu/kkjr ik:i ¼Fixed Format½ d :i e iLrr fd;k tk ldrk gA bl ik:Ik e tgk MkVk Qkby dk vf/kd iBuh; :Ik e iLrr fd;k tkrk g] ogh vf/kdkf/kd lpukvk dk ,d lkFk iLrr fd;k tk ldrk gA QkDl&ik dh fjikV lfo/kk dh fuEu fo'k"krk, gA

& fdlh fu/kkfjr ekd'kh V dk fjikV d iR;d i"B ij fiV fd;k tk ldrk gA

& QhYM ;k fjdkM dk vko';drkulkj eupkg de e 0;fLFkr fd;k tk ldrk gA

& QhYM d lkFk&lkFk mi;kxh VDLV Hkh fy[kk tk ldrk gA

& QhYM dh pkMkb dk fjikV d nkjku gh de ;k T;knk dj iLrr fd;k tk ldrk gA ¼MkVk Qkby QhYM dh pkMkb ij bll dkb vlj ugh iMrk ½

& iR;d i"B ij 'kh"kd d lkFk&lkFk ¼Footer½ Hkh fiV fd; tk ldr gA

& i"B d vkdkj] ekftu vkfn dk fu;f=r fd;k tk ldrk gA

& fjikV d fofHkUu Hkkxk dk vyx&vyx LVkby e tl ckYM] bVfyd ;k vMjykbu idkj l fiV fd;k tk ldrk gA lkFk gh fjikV d fdlh Hkh Hkkx dk ckDl d vnj Hkh iLrr fd;k tk ldrk gA

& vkfdd MkVk d Åij db vdxf.krh; ifd;k, tl & tkM] ?kVkuk] vklr dh tk ldrh gA