"Round 3 CHR Round)

Tell

me

а

brief about you?

2

Explain

brief about

What

was

your

role

your college project? in that project?

2

4

C

2

which technology did you used I what are the features of the technology used?

Explain

Emertxe

C project? ( LSB steganograp.

Just what the project is all about*?*

what

do

you

Кного

about this job profile?

(functional safety engineer)

Company Aptitude:

name: -Aven systems pvt. Ltd

P. Ramya Sri Page No: 1

1) There are 5 farmers including me, Each farmer has 5 rooms. Eac

room has 5 buffaloes and each buffalo has 5 child

buffaloes. Now find total number of legs present.

Banana + Carrot =20 Banana + Apple = 24

B Carrot +Apple = 10

Banana +Carrot +Apple = ?

1,8, 27, 64, 100, 125, 216 odd man out.

4) Five years ago,

years ago, the a

87

years.

average

of 3 members of a famely

average of family

is

A child has born and now the a

is 25. Find the

present

age

of child.

5) Find the next word, FAB,GAD, HAF, IAH,.

6) Two members participated in election. One member

got

55%. Votes in which 30% are invalid. The total number of

Votes are 1500. Find the total

another member.

150 runs

1) Raju did

average increased

१)

hes 18th innings.

14,28,19, 38, 29, 58,

A

no

по-об

votes

got by

en hes 18th innings and his 6. Find the average

by

Find next number.

after

person completed 35m on 4 sides of square track. The average speed of that person es 9 m/s. Find the time and after convert 10) Find the angle if the clock is at 2:30.

Kmph

2

+.

Aptitude

5 farmers.

Avin

Each farmer her

room.

each rom

t. There

are

hav

5 bag cocos.

*each* big

Cows

have

*5* little

cour,

Howmany legs are there ?

2.

Odd man

out Series

2 questions

3.

Pattern

Anding

ACCA BADH,

AFH,

BGᄇ,

4.

Oxe *To* find

the Order.

1. RAINBOW

2. RAIN

3. SUN

A. HAPPY

5. CHILD

find

the

corre t

at orch

2

a.

12345

b. 14 3.25

C. 54321

d. 2315 4

to Average problem (

5. bo

6.

T.

Age problem

ソ

1. problem

Apple + orange =14

8.

Apple + carrot

=20

Then find

Apple + carrot + banna

2

Barrot + Banana = 24

t

M.Bhavani

раде

no: **1**

4.

Company Name: Avin Systems

Aptitude:

1. 8, 27, 64, 100, 125, 216, 343

2. FAB, GAD, HAF, IAH

3. There

are

find

find out odd man out?

find next word?

five farmers including me, Each farmer has

5 buffaloes and each buffalo ha

5 rooms. Each room has

buffaloes. Now find total number of

5 child

legs preser

23 rd of 3th of 4th of a number is 50. find the 60% of

that number.

51

Banana+ Carrot = 20

Banana+ Apple = 24

Carrot + Apple = 10

Banana+ carrot +Apple = ?

6.

Five years ago,

the

*average*

age of 3 members in *a*

has born to them and now

family is 27 years. A child

At present the age the age average is 25 years. of

child is ?

2

# Raju did

150 ouns

(4) A cricket player in his 18th innings, he did 150 runs

and the average has increased to 6. Find the average

after he finished his 18 innings?

(8)

In

an

election of two

*Candidates*, One

candidate

q

got 55% of votes in which 30% votes are invalid.

7500.

Find the total

The total number of votes are number of votes got by another candidate?

Avin

vin Systeme

1 English skills

k. Bhagyasri

Any general topic which

test own English st Communication

Skills (15 minutes) (a topics)

Aptitude test-

Election votes (Percentage)

Father and son

(.

ages (+5EU Ex-- 15 years ago,

after 15 years)

勿

2

LEM ( which the greater number divisible by

CL.c.ma

L.C.M & H.C.F concept)

15; 64 LS

14.-

some number

15% of 13% of

X

number equal to

20

then find (x)

(some)

(some)

(some)

рий

num

( Percentage)

number systems ( cov

clock sums

sums (o

number of

finding legs of animals)

(finding **angle** betwem minute and hours)

find odd number

find the alphabate series

Avin

vin Systeme

1 English skills

k, Bhagyasri

Any general topic which

test own English st Communication

Skills (15 minutes) (2 topics)

Aptitude test-

Election votes (Percentage)

勿

2

Father and son

(.

ages (the Ex-- 15 years ago,

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LEM ( "which the greater number divisible by

CL.c.ma

L.C.M & H.C.F concept)

15; 64 LS

14.-

some number

15% of 13% of

x

number equal to

20

then find (x)

(some)

(some)

(some)

рит

num

( Percentage)

number systems ( Low

clock sums

sums (

number of

finding legs of animals)

(finding angle betwem minute and hours)

find odd number

find the alphabate series

Σ cancer test!\_

finding the size of empty structure!

e) problems on

\*x++, concepts.

white (1) and. which which run fast while (1) or while (1+2+3)

#define c

50

[main]

work

how

=

Switch Case without break

2

لمن

int mainc )

#define 50

Printf ("%d", c);

# define 150

printf (xxd", c)

printf("

}

pointer operationon, on

string

\* some logical gate problems (2st,

if (x

wist оре

艹

x++ && y++ || x++)

© Logic for LCM 2 (1<<4)

Z

3

In a

village 5 men are there

in

Cow,

D. Sumant

AVIN Syst

Each have sou

s roomy and each cow have 5 baby Cowr

find total no. of legs.

A problem

м

filling

a tank*.*

6

7

Angle when time is 2:30;

lokg apple cost = 24 kg Rice

6kg How Cost

||g

Qey

lly Flow Cort = 20.5

find 6kg As apple cort + 3 kg off Rice + Sky & Hou

problem & socies of numbers

Rainbow

Child

Happy

Rain

fun

corrent formation for this

о

10

10

Problews

Rahu is

on ager

оду

10 year elder than Sochin, Then ages ale in ratio 6:9. find correspudy agu

3/5 and 4/5 → which is grater than

*3/5* and ten than 415 given in options

12 FIG, HIJ, JIL

13 A boy is running in

a

Squale good. Distance

is 35 mts and his speed is 9km/hr. Calculate

the time talan

(14) Banna + Apple = 15

Bannana + Carrot =10

Callot +Apple + Banna = 9

2

2

12 FIG, HIJ,

HIJ, JIL

13

A boy is running in

a

Squall good. Distance

5.

is 35 mts and his speed is 9km/hr*.* Calculate

the time talan

Banna + Apple = 15

Bannana + Carrot = 10

Callot +Apple + Banna = 7

6

7

Z

1 Logic for LCM (-1<<4)

D. Sumanth

AVIN Syrtu

3

In a

village 5 men are there

are there. Each have 5 cows

in

Cow,

s rooms and each you have 5 baby cowor

find total no

of legs:

A. problem

м

fillivy

a

tank*.*

Angle when time is 2:30;

loky apple cost = 24 kg Rice

6kg How cost

Qey

**11g** Flm Cort = 20.5

Flice =

find 6kg is apple cort + 3 kg off Rice + Sky & Hove

problem & facies of numbers

Rainbow

Child

را

corrent formation for this

10

Happy Rain fun

Problems on

ager

Rahu is 10 year elder than Sachin, Then afis

ale in ratio 6:9. find correspady aju

3/5 and 4/57 which is grater than

*315* and len than 4/5 given in options

2

04.

int main()

६

int

(a)

print

num = 201

=

int xp = &num;

int \*\*q= &P;

int \*\*\*\*=

int

\*P = 100;

printf ("vid "/dx.ḍ", num, \*p, \*\*q);

100, 100, 100.

(b) 20, 100, 100, (c) compile vocor

10

(d) none.

Avin Systems

Verbal section

Tell us about

Sushil Kumar pradhan

your College life experience in 10

sentences? Describe yourself

C- Programming ques

3

correct logic for finding LCM of two nurube

Choose

the

white (+)

&

from four **logic** correct one.

in

option we

have

to choose the

1.

10

نه

П

82

int main()!

}

char

str[]= "Hello World";

char

\*p = str;

display (\*p);

2

83)

(a) Hello

void display (char \*ptr)

5

}

printf(".s", \*ptr);

(6) Hello World (0) H

(d) none

int main()

१

ial

}

printf(" "d", -1 <<4);

fffffffo (b) compile error

W runtime error

(d)

Q4

int main()

{

int

num =

201

int xp = &num;

=

int

\*\* q = &P;

int

\*\*\*\*=

int

\*p = 100;

prind

printf ("vid "/d "d", num, \*p, \*\*q);

(a)

100, 1100, 100.

(b) 20, 100, 100, (c) compile error

10

(d) none.

*2*

2

یمنا

C struct emp

{

Name: Poorna chandra. H.D.

Company: Affu Systems

Gut main()

{

struct

emp xyz;

printf ("./%d\n", sizeof (xyz));

}

NOTE! Size of Gut is a bytes.

@2

64 @8

Eut maren()

J

}

char ap[] = "PQRSTUV") or char

prflutf ("./.s", P+P[I]- P[0]);

@ Compilation

Юре

3p = "P Q R S T U V")

error the blue error CSTUV @QRSTUV.

Avin

1) one fourth of two third of three forth of

the 60% of number

number is

30. What

is

2)

There

a

5 former with Included me. Each farmes has 5 rooms.

Each room

how 5 Cows. How

legs

are there in room.

3

#include <stdio.h>

2

int main()

{

3

printf ("%x\n"; =1<<3);

4) Finding

a

L.C.M

on

number series

ages

5) problem

6) problem on

2

Aptitude:

1. Overage

2. Ratio

3. percentage

4. Number series

5. pipes

6. speed and distance

7. FAD

GAF

HAH

IA H

8. Ages.

9. Divide rule

10. Greater than 3/4

Verbal:-

*R.* shoba

Avin system.

and

less than 5/6.

1. 10 sentences about college experience.

2. Describe about

C programming :-

1. Bit fields

2. problems

yourself.

оп

bitwise

Operators

3. macros

4. Finding LCM

5. Dis advantages of arrays.

6. Consept of static

7. Concept of entern.

2

English

1. Write a 2. Decribe

Aptitude 1. Problems

a. Ratios

Narra Nago Mounika

Avin systems

to Sentences about college experience. about your self.

оп

Averages

3. Numberseries

4. Ages

5. Ratios

6. Percentages

7. Pipes

"C" Programming

© Problems

2. Macros

3.

structures

on Bitwise Operators.

อก

static, extern

41. Concepts Related to 5. dis advantage of arrays

6. Find the LIC.M

Arein Systems.

Athira Vijayakumar

1. Explain your college experiences in 10 sentences.

2. Describe yourself.

1. Find the logic for LCM.

2. which is

is faster

3. Storage classes.

4. main ()

while (1) on while (9+S+3)

{

int var.

ная;

int x=S;

var = relinn 3.

frintf *(*"%d %d", &, vas).

5. Questions from #define VALUE

macro.

(x,y)

6.

main()

{

}

int i=1, j=3

forintf ("%d\n", VALUE (i+j, 3)),

Find the

main(*)*

{

*/p*

Char

array[10] =

• hello world";

char \*per=ars; print array (\*ste);

У

void point array

{

}

7*.*

(char \*5

printf ("%/%s\n", 3);

#define

main()

{

X

500

fimmf ("%d\n", x),

#define

× 100

prin of ("%d \n", x).

१

8.

General Aptitude related to

age,

number series, time and

work, average,

9. Find

the

10-

enum

interest.

value of pink?

Colour (whili 20,

Questions related

blue: 5 pink, orange).

lo peintur

2

Avin system

Sweathy Santhosh.

1.

find. the logic

for LCM.

*2.*

which is farter

while (1)

while C9+8+5+7)

3.

Questions from storage claus Cotatic int, extern)

Questions hom

H.

switch, and if che Clike and

ouput).

bitwise operators.

5:

find output

for

-1<<3.

*6*.

fred Questions from

7.

fod the

value of pink ??

enum

colour

[ white = *0*, blue=5, *pink*, orange?

bared on post increment

and pre increment.

8.

Questions

*9.*

mais ()

8

int var

10.

int n = 5)

var=retim 3;

printf(*"*./d "%d", n, vor);

3

Questions from

macro.

x/4+x.

#define VALUE (X,Y)

maisu

[

int i=1, j = 3 i=1,j=3

Printf (andin**"** MALUE (it, 3);

3

11.

find the

olp.

mais (

Į

LO

char

array [10] = hello world*"*

12.

char *\*ptr* = an;

Printarry (\*str);

3

void print away (chan \*s)

printf ("sin", $);

}

Auerbios ben

creneral aptitude questions (find

age, find interent, number series, letter series, time and work**,** find average)

off

**13**.

#debre X

500

14.

*15.*

mais()

{ printf (uyd \n", x); #define X 30

print (cc/nd\n", x);

# define

X 100

printf("./.dlo", x);

3.

Describe yourself

Explais your college experience is 10 sentences.

2

Southi Unnikrishnan

Avin System.

Find the logic for Lcm

Faster

while (1) or while (9+8+7+5)

questions from slerage class. ( stake, extern)

queshops Prom

1.

2.

which is

3.

4.

5.

Find out

G.

Prom

7.

questions

спит

Find

Switch and

it case

-1443

bitwise operchons

colour { white, Blue = 5, Pink, orange }

value of

pink 9.

queshops based

on

१.

post increment and pre increment.

10.

11,

Main ()

{

int var;

int x=5

return 3;

var =0

х

Dounty ("%od Yod", x, var);

# deline

main ()

{

сп

VALUE (X,Y)

int 8=-1, d=3

KA

}

Find the main

xly.

+ x

Pnnit ("Yod la", VALUE (1,3);

Main ()

output

Ll

char array [10]

hello world";

char

At shr

= arr

Pontarray (slo);

}

void part-array (char \*s)

{

Pon't ("~/os \n", s);

3.

12, questoon Promo

general

aphlude (number senes,

number senes, leller sones,

Inlexat, age problem, time and work, average)

13

#1 deline

X

500

main ()

ই

{ Pants ("Yod \n", x);

# delme

x

50

Ponte ("Yod In", x );

# delne

x 1000

Polf ("God la", x)"

З

14,

sland employee

16)

{

J

17

.

Describe yourself? 18) Explain your college expenonies 9.

Slant Si [10]

Proll ("Yod", Syect (1);

questions

Union

{

Crom

employee

int i;

PP *(*

char cb [2];

У

structure and union.

cb[o] = 2;

cb[1]=35

chrot, ch [1], i)

P

char

A str

= arr

Pont array (11slr); Portarrag

З

oid paint\_array (char +5)

"IT ("~/os \n", s);

hon loom

general aphide (number, senes*,*

I, age problem, time and work, average)

heller senes

ine

X

500

)

IP (" Yod In", x);

e

x

50

"'Yod \n", x);

× 1000

"od In", x)"

17) Describe yourself? 15) Explain your college cxpenonies 9.

10

ect (51);

structure and union.

cb[1]=35

[Ini, ch[o], ch[i], i);

2

char

At shr

= arr

Pontarray (Astr);

void prost-array (char \*s)

{

Ponti ("%s (n", s);

}

12, question Coom

general

aphlude (nu

number senes

leller Senes

Sened

Inleacat, age problem, time and work, average

13

# deline

X

500

14,

main ()

З

& Pants ("Yod In", x);

# deline

X

50

Ponte ("% od In ", x );

# delne

\* 1000

Poolf ("Yod la", x);

sland employee

{

y

Slanet Si [10]

Prole ("God", syect (1);

questions

Crom

Union

{

employee

int i;

char ch [a]';

J

cb[o] = 21

17

Describe yourself?

18) Explain your college Expenonces 9.

structure and union.

CbL1]=35

Prof ("40c90c You Ini, ch[o], ch [1], i);

1. What is the angle blu

at

2.30pm.

2. int main()

{{

int val

و

if (axb)

3

Avin

minute hand and hour hard

a=299, b=99;

*@*

Val = retum 299;

else

Val = return 99;

printf("y.d\t%d \t \d\t", a, b, val);

3. English

Write about yourself?

4.

write about your college experience?

Avin

1) #include <stdio.h>

int main()

{

int val, a=299, b=99;

if (a>b)

= return 299

Vala

2999

else

Val = return 99"

val=

printf("%d \\.\d\ty\_d\n", a, b, val);

2) L-C-M

2

program code?

#include<stdio.h>

int main()

{

3

int K=5, \*P, \*\*

P=&K

q=&p

K++;

printf ("xd It Yed "t Yed \n", K\*, \*\*∞)

4/ Keyword used to terminate the comment execution of loop

a Break

b) Continue return

d) nove

5) #include<stdion>

Union node

}

int i;

char ch [2];

int main

ξ

سا

了

union node

u.ch[0] = 3;

и

u+ch[i]=2;

printf("%d \t%d\t%d\n", u-ch[0], u.ch[i], u.i);

**(**) #include <stdio.h>

int main()

Σ

char str[] = "paRSTUV";

char \*s=str;

Print (\*s);

return 0;

3

word print (char \*\*\*)

Σ

char \*T=k:

3

Printf("Y.S", "F);

7 #include <stdio.h>

int maine)

char str[]="paRST UV";

char \*s = str;

S+ SB3]-5[0]);

printf ("Y.S",

}

8 set Sachin is

10 year younger

than Rahal and their agy

are in 6:9 ratio. what is their ages now?

Avin

り

which

is more

faster

white () or while (9+3+5)

97

while (1)

by while (9 +345)

on compiler

c) depends

d) both are

Same-

2) Analyse the o/p.

char s[] = { Pink, white, blue,

green}

cbar #cl√ [4] = {S+ 3, 5+2, S+ 1, $3

ptr = cr;

Pt++;

printf

printf ("%s", ptr [y])

3) #define 2 α laxy

Assume x=-3, y=3

3

output will be

a) - 4

b) - 8

4) Zelo division enor

d) compiler

ellor.

Verbal

Desvübe about Yourself College Experience.

+

8. Mathy Vadhana

AvinSystem

Aptitude.

1) Average

2) Age

3) percentage 4) Pipe and Cistern

& Ratio

6) Number series

8) which is greater than

less than 675

3/4

and

4) Divide rule

10) odd man out

2

7) IAB JAC

KAD;

C Apt progamij

1) Mairo

*2*) Bitfields

3)

which keyword is used to

exit from taps everent iterations

4) Logie to find LCM

5) disadvantages of arrays

6) which is faster among

41) soncept of static 8) concept of entern

while (1) and whicle (1+2+3)

PTO --> рто

2

9 Concept of switch case.

10) constant

pointer

11) infinite loop.