HELLO FRIEND,
    I AM HERE WITH SENDING YOU THE NEW INTERGRAPH QUESTION PAPER .
  THIS IS A NEW PAPER . PUT THIS IN YOUR HOMEPAGE SO THAT IT WILL BE
  USEFUL TO OTHERS ALSO.

 INTERGRAPH   :

      COMPILED AND EDITED BY V.P.CHANDRU & M.K.KAILASH.

   TEST HELD ON : ANNA UNIVERSITY , CHENNAI   22/12/99

   NUMBER OF PERSONS UNDER TAKEN THE TEST :60

    pERSONS SELECTED FOR INTERVIEW : 14

   NO OF CANDIDATES SELECTED : 3

   QUESTION PAPER CONSIST OF TWO PARTS

     ANALYTICAL SKILLS : 20 QUES, 20 MIN.
          C SKILLS : 30 QUES, 30 MINS.

ANALYTICAL :
----
      1. COMPLETE THE DIAGRAM :

      FOUR FIG WILL BE GIVEN , YOU HAVE TO DRAW THE FINAL ONE

     TRIANGLE FIG :

2. DRAW VENN DIAGRAM RELATING RHOMBUS, QUADRILATERAL & POLYGON

3.IN A GROUP OF 5 PERSONS A,B,C,D,E ONE OF THE PERSON IS ADVOGATE,
   ONE IS DOCTOR, ONE BUSINESSS MAN, ONE SHOP KEEPER AND ONE IS
PROFESSOR.
THREE OF THEM A,C,AND PROFESSOR PREFER PLAYING CRICKET TO FOOT BALL
AND TWO
OF THEM B AND BUSINESSMAN PREFER PLAYING FOOT BALL TO CRICKET. THE
SHOP
KEEPER AND B AND A ARE FRIENDS BUT TWO OF THESE
PREFER PLAYING FOOT BALL TO CRICKET. THE ADVOGATE IS C'S BROTHER AND
BOTH PLAY SAME GAME . THE DOCTOR AND E PLAY CRICKET.

  (a) WHO IS ADVOGATE ?
       A, B, C, D

   (b) WHO IS SHOP KEEPER ?
      A, B, C, D
   (C) WHICH OF THE FOLLOWING GROUP INCLUDE PERSONS WHO LIKE PLAYING
CRICKET
BUT DOESN'T INCLUDE PROFESSOR ?
     AB,BC,CD, NONE
    (d) WHO IS DOCTOR ?
         A,B,C,D.

{ SAME MODEL PROBLEM WAS ASKED IN QUES PAPER BUT PROFESSIONS WILL BE
DIFFERENT
SUCH AS HORTICULTURIST ,PHYSICST,JOURNALIST,ADVOCATE AND OTHER ONE.
INSTEAD OF
FOOTBALL AND CRICKET THEY WILL GIVE TEA AND COFFEE }

4. THEY WILL GIVE SOME CONDITION'S AND ASKED TO FIND OUT FARTHEST CITY

IN THE
WEST (EASY ONE)?

5. TRAVELLING SALES MAN PROBLEM .
    SOME CONDITION WILL BE GIVEN WE HAVE TO FIND OUT THE ORDER OF
STATION THE
SALES MAN MOVES
    (THREE QUES'S)

6. +,-,*, /, WILL BE GIVEN DIFFERENT MEANING
     EXAMPLE : TAKE + AS * AND SO ON .
     THEY WILL GIVE EXPRESSION AND WE HAVE TO FIND THE VALUE OF THAT.

7. 3+5-2 =4
     WHICH HAS TO BE INTERCHANGE TO GET THE RESULT ?

8. WE DON'T NO EXACT PROBLEM .
    EX : 8A3B5C7D.....
         A WIIL BE GIVEN + SIGN.
         B WILL BE GIVEN - SIGN.
    FIND THE VALUE OF EXPRESSION ?

9. FIND THE TOTAL NUMBER OF SQUARES IN 1/4 OF CHESS BOARD ?

10.   6 FACE OF A CUBE ARE PAINTED IN A MANNER ,NO 2 ADJACENT FACE HAV
E
SAME

COLOUR. THREE COLURS USED ARE RED BLUE GREEN. CUBE IS CUT IN TO 36 SMALLER
CUBE IN SUCH A MANNER THAT 32 CUBES ARE OF ONE SIZE AND REST OF THEM BIGGER
SIZE AND EACH BIGGER SIDE HAVE NO RED SIDE. FOLLOWING THIS
THREE QUES WILL BE ASKED .
{ IN QUES PAPER COLORS WILL BE DIFFERENT }

11. TWO LADIES ,TWO MEN SIT IN NORTH EAST WEST SOUTH POSITION OF RECTANCULAR
TABLE. USING CLUES IDENTIFY THEIR POSITION ?

12. CLOCK PROBLEM :
    (ONE QUES)

13. ALL MEN ARE VERTEBRATE.
    SOME MAMMALS ARE MEN.
    CONCLUDE.

****

C SKILLS :
----

  1. find(int x,int y)
      { return ((x<y)?0:(x-y)):}
      call find(a,find(a,b))   use to find
    (a) maximum of a,b
    (b) minimum of a,b
    (c) positive difference of a,b
    (d) sum of a,b

2. integer needs 2bytes , maximum value of an unsigned integer is
    (a) { 2 power 16 } -1
    (b) {2 power 15}-1
    (c) {2 power16}
    (d) {2 power 15}

3.y is of integer type then expression
  3*(y-8)/9   and (y-8)/9*3 yields same value if
     (a)must yields same value
(b)must yields different value
(c)may or may not yields same value
(d) none of the above

4. 5-2-3*5-2 will give 18 if

    (a)- is left associative,* has precedence over –
    (b) – is right associative,* has precedence over –
    (c) – is right associative,– has precedence over *
    (d)- is left associative,- has precedence over *

5. printf("%f", 9/5);
   prints
   (a) 1.8,
   (b) 1.0,
   (c) 2.0,
   (d) none
.
6. if (a=7)
  printf(" a is 7 ");
    else
  printf("a is not 7");
  prints
   (a) a is 7,
   (b) a is not 7,
   (c) nothing,
   (d) garbage.

7. if (a>b)
   if(b>c)
   s1;
else s2;
 s2 will be executed if
(a) a<= b,
(b) b>c,
 (c) b<=c and a<=b,
 (d) a>b and b<=c.

8. main()
  {
  inc(); ,inc(); , inc();
  }
 inc()
 { static int x;
   printf("%d", ++x);
  }
  prints
 (a) 012,
 (b) 123,
 (c) 3 consecutive unprectiable numbers
(d) 111.

9.preprocessing is done

(a) either before or at begining of compilation process
(b) after compilation before execution

(c) after loading
(d) none of the above.

10. printf("%d", sizeof(""));
    prints
    (a) error
    (b)0
    (c) garbage
    (d) 1.

11.main()
    {
        int a=5,b=2;
      printf("%d", a+++b);
    }

    (a) results in syntax,
    (b) print 7,
    (c) print 8,
    (d) none,

12. process by which one bit patten in to another by bit wise operatio
n
is
 (a) masking,
 (b) pruning,
 (c) biting,
 (d) chopping,

13.value of automatic variable that is declared but not intialized
  will be
(a) 0,
(b) −1,
(c) unpredictable,
(d) none,

14. int v=3, *pv=&v;
    printf(" %d %d ", v,*pv);
   output will be
   (a) error
   (b) 3 address of v,
   (c) 3 3
   (d) none.

15. declaration
    enum cities{bethlehem,jericho,nazareth=1,jerusalem}
assian value 1 to
   (a) bethlehem
   (b) nazareth
   (c)bethlehem & nazareth

(d) jericho & nazareth

16. ```
    #include<conion.h>
    #include<stdio.h>
    void main()
    {
     char buffer[82]={80};
     char *result;
    printf( "input line of text, followed by carriage return :\n");
     result = cgets(buffer);
    printf("text=%s\n",result);
    }
    ```
(a)   printf("length=%d",buffer[1]);
(b)   printf("length=%d",buffer[0]);
(c)   printf("length=%d",buffer[81]);
(d)   printf("length=%d",buffer[2]);

17. consider scanf and sscanf function , which is true

   (a) no standard function called sscanf
   (b) sscanf(s,...) is equivalent to scanf(...) except that
       input charecter are taken from string s.
   (c) sscanf is equivalent to scanf.
   (d) none of above.

18. ```
    #include <stdio.h>
    main()
     {
      char line[80];
      scanf("%[^\n]",line);
      printf("%s",line);
     }
    ```
  what scanf do ?
  (a) compilation error . illegal format string.
  (b) terminates reading input into variable line.
   (c) and (d) other two options.

19. problem was big so i couldn't remember . simple one.

20 . ceil(-2.8) ?
 (a) 0
 (b) -3.0
 (c) -2.0
 (d) 2

21. ```
    for( p=head; p!=null; p= p -> next)
        free(p);
    ```

  (a) program run smooth.
   (b) compilation error.

(c) run time error.
(d) none of above.

22. int x[3][4] ={
                  {1,2,3},
                  {4,5,6},
                  {7,8,9}
              }
   (a) x[2][1] = x[2][2] =x[2][3] = 0
   (b) value in fourth column is zero
    (c) value in last row is zero
    (d) none of above.

23. problem was big so i couldn't remember . simple one.

24. main ()
    {
       printf("%u" , main());
    }
    (a) print garbage.
     (b) execution error
      (c) printing of starting address of function main.
      (d) infinite loop.

25 . int a, *b = &a,   **c =&b;
 ....
  ....
  .....
              a=4;
          ** c= 5;

    (a) doesnot change value of a
    (b) assign address of c to a.
     (c) assign value of b to a.
    (d) assign 5 to a.

26.problem was big so i couldn't remember . simple one.

27.problem was big so i couldn't remember . simple one.

28 . answer : swapping of values .

29 . simple one.

30 . i =5;
       i= (++i)/(i++);
       printf("%d" , i);
 prints ,
    (a) 2
    (b) 5

  (c) 1
   (d) 6

   in interview they will ask questions related to u r project and some
c
fundas.
                 **************************** all the
best*******************

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Following are the some sample questions:

Genaral:

1.6*12*15 is the volume of some material.How many cubes can be inserte
d
  into that? Ans.40
2.Two pipes can fill a tank in 10 1nd 12 hours while third pipe will
  make the tank empty in 20 hours.If all three pipes operate
simultaneously,
  in how many hours the tank will be filled ? Ans.7hours 30 minutes.
3.Diameter of a beaker is 7cm. Mambler(some instrument) dia is 1.4cm.
  How many mamblers has to be put to increase the water level by 5.6cm
.
4.Cost of an item is x. It's value increases by p% and decreases by p%
  Now the new value is 1 rupee, what is the actual value.
  Ans.(1000)/(1000-p*p).
5.A right circular cylinder and a cone are there.Base radius of cone i
s
  equal to radius of cylinder.What is the ratio of height to slant
side.
6.Distance between two poles is 50 meters.A train goes by 48 kmph in
one
  minute.How many poles will be crossed by the train.
7.A pole seen from a certain distance at an angle of 15 degrees and
  100 meters ahead by 30 degrees. What is th height of pole.
8.15 people--each has to pay Rs.20..

```
   20 people--each has to pay Rs.18..
   for 40 people--how much has to pay ?
9.if p=2q then q=r*r,
  if p-odd then q is even,
  whether we decide r is even or odd ?
  choices:a)first condition is sufficient
          b)second condition is sufficient
          c)both are sufficient
          d)both are not sufficient
10.What is the value of m given that
   i) m is devided by 2
   ii) m is devided by 5
Ans: none of these
11.If he sells 40 magoes, he will get the selling price of 4 mangoes
   extra, What is his % increse in profit ? Ans: 25%
12.100 glasses are there. A servant has to supply glasses to a person
   If he supplies the glasses without any damage he will get 3 paise
   otherwise he will loose 3 paise.At the end of supplying 100 glasses
   if he gets 270 paise, how many glasses were supplied safely.Ans: 95
```

*** Some questions on reasoning

Electronics.

1.Fastest logic ..Ans: ECL

2.202.141.65.62 type of IP address belong to which class. Ans:class B

3.Mod K ring counter requres how many number of flipflops.Ans:K

4.ftp is in application layer.

5.Problem related to Ternary operations. Ans:3

6.Problem related to macro # define square x x*x. Ans:11

7.Problem related to 5 pointers..refer Page.123 of C prog.,by Keringan
  and Ritchie.

8.Ideal op-amp CMRR. Ans: infinity.

9.13-bit DAC MSB resistance 2kohms.
            LSB resistance ?
  Ans: 2k * 2 to the power of 12.

*** Few question related to C++

This is mascot systems paper
TECHNICAL TEST (MASCOT)
--------- ----

Total 6 sections.
1)Computer Fundamentals
2)Algorithms
3)Hardware
4)Software
5)General Awareness
6)Languages

* All together 60 questions with each section containing 10 questions.
* All are multiple choice questions

1. One Nibble = ?
2. Hexadecimal and Octal representation of 1024 ?
3. What a compiler does ?
4. DOS ? (whether Graphical interface or Character interface and two more
          choices are given)
5. CPU – abbrevation
6. Fortran used as   (Ans : Scientific Language)
7. ASCII character set ? (total number)
8. Windows NT– What NT stands for?
9. Which is not an input device ? (keyboard, Disk, Mouse,Lightpen)
10. Which is not a pointing device ?(mouse,Joy stick,lightpen none)
11. Microsoft Chief ?
12. 4GL ? (Fortran,SQL,ADA, ...)
13. Father of Computers?
14. Which of them is Object Oriented Language.?
15. Power PC is the product of ? (Microsoft,IBM,Apple,Motorola,Intel)
    (A combination of any correct 3 companies)
16. Latest processor used ? (Pentium, Power PC, Pentium pro,none)
17. MS Word is ?
18. First Super Computer built in India. (Ans : param)
19. Which of the following companies donot manufacture chips?
    (Microsoft, Motorola, Intel, HP)
20. LAN – abbrevation
21. WAN – abbrevation
22. Modem is ? (related to electrical hardware.– Like Modulator
&demodulator)
23. FDD – abbrevation (floppy disk drive)
24. BIT – abbrevation
25. Information is ? (message, data,processed data,none)
26. Which is not networking ?(internet,ethernet,arcnet,none)
27. One Gigabyte =?(2 power30 , 2 power 20 ,2 power 10 none)
28. Which of the following is not RDBMS ? (sybase, SQL,Acess,none)_
29. Oracle is ? (Ans : Relationasl Data Base Management System)
30. In Oracle, Table means (Ans : Collection of records)
31. DMA – abbrevation   (Direct Memory Access,Discrete memory Access,
                          Disk memoryaccess)
32. What is meant byStatic Variable ?

33. What is meant by QUEUE?   {refer any data structures text}
34. What is meant by STACK?   {refer any data structures text}
35. The processor used in first IBM PC? (8086,8088,zig4,intel)
36. Difference between 80286 and 80287
37. In bubble sort , no. of comparisons required ?(ans : formula :
N*(N-1)/2)
38. No. of comparisons of an item in 100 items by binary comparison?
   (10,25,50 100)
39. CRT - (Cathode Ray Tube)
40. No. of entryvalues are there in ideally in a subroutine.
41. Binary tree?
42. Flow in one direction ? (Single linked list,Double linked
list,........,....)
43. Electron screen size ? (here, 2 lines of algorithm is given.
                            Name the algoirithm)
44. Which is not storage device.? (printer,CD ROM,Disk,none)
45. A question regarding memory ? (least used memory,recently unused
memory,..)
46. ISO - (International Standard Organisation)
47. HTML - (Hyper Text Makeup Language)
48. Flow chart for factorial N? (ans :choice a)
49. What is meant by Recursion ?

50. Struct(s)
      {
      int a;
      long b;
      }
      Union (u)
      {int a;
      long b;
      }
      Print sizeof(s)and sizeof(u) if sizeof(int)=4 and sizeof(long)=4

51.Switch (i)
   i=1;
  case 1
          i++;
  case 2
   ++i;
   break;   (ans : 1,2,3,none)
   case 3
   --i;
   Output of i after executing the program

52. char S;
  char S[6]= " HELLO";
  printf("%s ",S[6]);

   output of the above program ? (0, ASCII 0, I,unpredictable)

```
53. Unsigned char c;
     for ( c=0;c!=256;c++2)
     printf("%d",c);

     No. of times the loop is executed ? (127,128,256,infinitely)

54. int i;
    i=0;
    repeat
    i=i+1;                     <====== PASCAL PROGRAM
    print i;
    until(i<10)
    end
    No. of times the loop is executed?

55. Convert (int A,var ,int B;int c)
          {
    A=10;
    B=4-;
    C=120;
    }
    Convert (inta,b,c)
    {                    <====== PASCAL PROGRAM
    a=1;
    b=4;
    c=12;
    }
    convert (A,B,c)  ?  (10,40,120
10,40,12,..........,...........)

56. Procedure A
      Begin

      --------

      end                          <====== PASCAL PROGRAM
      Procedure B           No. Of errors in the program ?(1,2,3,none
)
      Begin

       -----------

       end

57.  int i;
     i=2;
     i++;
     if(i=4)
     {
```

```
         printf(i=4);
         }
         else
         {
         printf(i=3);
         }
         output of the program ?  (4,3,unpredictable,none)
```

58. what is FAT?.

File allocation table

 QUANTITATIVE APPTITUDE TEST :

 Total 44 questions are there.
  Refer R.S. Aggarwal

1. How many degrees hours hand rotate in 10 minutes?
2. 1/(10 power 18) - 1/(10 power 20) = ?
3. 0 <x < 1: Which is greater ? (1/(x square),1/x,x,x square)
4. c=a/b ; a-1=c What is the relation between a&b
5. N = ((8.42)**2)*(95. ....)/((0.982)*(64.....)**2)
    If N contains the first three digits as 988,Which of the following

is the
    nearest answer (9.88,98.8,988,none)
6. The sum of 7 consecutive odd integers with 27 as the fourth number
.
7. (66666666666666)**2 + 888888888888=?
8. 2486724......   Express it in product of 3 numbers.(The given
number
    is not exactly correct. Choices are given. Very easy)
9. Radius of sphere is increased by 50%. By how much percentage is
surface
    area is increased.
10. In which of the following , 2 as a common factor , can be
eliminated.

      Ans :   log(x square)/log(y square)   = log(x)/log(y)

Antonyms :
11. AUSPICISIOUS
12. REHALISHLY
13. & 14.   -   Sentence correction
15, 16 , 17   -   Spelling Mistakes
18, 19 -   Two Questions

 6 letters are assigned certain numbers.
 In each qusetion , 4 combination of digits are given . Of which ,

which gives
 a meaningful word.
20 & 21. - 4 sentences will be given in each question. Arrange them

in
logical order .
22. 5 straight lines are cut in a circle.   A question regarding
this.

 Reasoning :

    a) If statement A alone is required
    b) If statement B alone is required
    c) If bothe statements A & B are required
    d) Neither

23. Does Mr. Mathew give tution ?
 A) MAthew is a teacher
 B) In school, the teacher is not expected to give tutions.

24. There is no power cut in advanced country
    If T is a city, Is there power cut in that city?
 A) Z is a advanced country
 B) T ia a capital city of country Z

25. Tanzanians are in East Africa. Tanzanizns are good in either
Education ,
    Dance or Music
 A) Tanzanians are good at Education
 B) East Africa are good at dance & Music.

 Remaining questions 26 - 29 are of the same type.

30. On onw day, 14 children are admitted in a school by their mothers.
    2 are sisters, 3 are brothers,2 are brother and sister and 2 are
twins.
    The rest are singles. How many mothers came? (5 , 7, 9, 14)

31. Problem Cisterns & pipes.

    It will take 8hrs to fill a cistern. But due to leak at the bottom
'
it
    take 10 hrs to full it. In how many hrs, th eful tank will be
emptied
    because of leak.? (18,8,40,10)

32. Question regarding men & work

    A does alone a work in 4 days

```
   B does alone a work in 8 days
   C does alone a work in 10 days
    A & B together  ------
    C & B together ------
```

33. In 3.5 Kg rod , there is 74% silver. If it is alloyed with a 0.5 K
g
rod,
    the % of silver goes p to 84%. The percent of silver in 0.5 Kg rod
?

34. Two chords of lengths 2L1 and 2L2 are drawn in a circle. Their
lengths
    are inversely proportional to the straight distance joining the
centre.
    Find the radius of circle.

35. A Kg of tea costs Rs 49.50 . But the supplier gives 10 gms less
for
every   Kg he sold. What is the actual cost.

36 - 40

    A question on transportation table. 5 questions were given.

	A	B	C	D	E
A	X	12	8	20	6
B	12	X	12	5	9
C	20	8	X	4	7
D	3	15	6	X	10
E	12	5	8	3	X

    A,B,C,D,E denote the stages.
    X denote the start of the stage.
    The bus goes from A to E and E to A woith back stops at B,C, & D
    For each the charge is Rs.0.70
    The numbers in the table are how many passengers are there in the
bus
    upto that stage.(the numbers given the table are not correct)

36. Total no. of passengers in onward journey

37. Total amount in the conductors bag just before the bus reaches
     the stage C

38. How many Rs. 1.40 tickets are issued to passengers in backward
journey.

39. If the bus breaks down between the stages C & D , the amount
refunded to
      passengers.

40. If the ticket costs Rs.1.50, how much is the profit in Backward
journey.

        Remaining 4 questions may be fron English.

----

1)At 6'o clock clock ticks 6 times. The time between first and
last ticks was 30sec. How much time it takes at 12'o clock.

Ans. 66 sec.   2 marks.

2)Three friends divided some bullets equally. After all of them
shot 4 bullets the total no.of remaining bullets is equal to that of
one has after division. Find the original number divided.

Ans. x   x   x
     x-4   x-4   x-4
     3x-12 = x
     x= 6
     ans is 18   2 marks

3)A ship went on a voyage after 180 miles a plane statrted with 10
times
speed that of the ship. Find the distance when they meet from
starting point.

Ans. 180 + (x/10) = x
       x = 20
       ans is 180+20   2 marks

4) Fill the empty slots.

	played	won	lost	draw	Goals for	Goals against
A	2	2	*0	*0	*7	1
B	2	*0	*1	1	2	4
C	2	*0	*1	*1	3	7

the slots with stars are answers.   4 marks
BC drew with 2-2
A won on B by 2-0
a won on C by 5-1

5) There are 3 societies a,b,c. a lent tractors to b and c as many
as they had. After some time b gave as many tractors to a and c
as many as they have. After sometime c did the same thing.
At the end of this transaction each one of them had 24.
Find the tractors each orginally had.

Ans a had 39 b had 21 c had 12   4 marks

6) There N stations on a railroad. After adding x stations 46
additional
tickets have to be printed. Find N and X.

Ans. let N(N-1) = t;
        (N+x)(N+x-1)   = t+46;
        trail and error method   x=2 and N=11   4 marks

7)Given that April 1 is tuesday. a,b,c are 3 persons told that their
farewell party was on
   a - may 8, thursday
   b - may 10,tuesday
   c - june 8, friday
Out of a,b,c one is only correct one of the regarding month,day,date.
Other told two correct and the third person told all wrong.What is
correct date,month,day.   5 marks

8)There are 4 parties. df,gs,dl(depositloss),ew ran for a contest.
Anup,Sujit,John made the following statements regarding results.
Anup said either df or ew will definitely win
sujit said he is confident that df will not win
John said he is confident that neither ew nor dl will win
the result has come. only one of the above three has made a correct
statement. Who has made the correct statement and who has won
the contest.   5 marks.

9)Five people a,b,c,d,e are related to each other. Four of them make
one true statement each as follows.
i) b is my father's brother.   (ans. d said this)
ii)e is my mother-in-law.   (b   )
iii)c is my son-in-law's brother. (e)
iv)a is my brother's wife.   (c)

                                   10 marks.

10) All members of d are also members of a

```
All    ''      e   ''                 d
all    ''      c   ''                 both a and b
not all ''     a  are members of d
not all ''     d  ''               e
```

  a)which of all following statements must be true
      1) there are more common members between c and a than between
            c and   e
      2) there are more members in a than in c
      3) there are more members in a than in e

      i) 1 only   ii) 3 only   iii) 1,2 only   iv) 2 and 3 only v)1,2,
3
  b)which of all the following can be inferred from the statements
above
      1)some members of d are also members of b
      2)all members of e are members of a
      3)all members of a are members of b
      4)some members of d are not members of c
      5)all members of b are members of c

   i) 1 only   ii) 3 only iii)2 only iv) b and d only v)d,b and a
only

 d)Which of the following is not possible
  i)some members of e are also members of c but are not members of b
  ii) ''   ''   d '' ''''   both c and b
  iii)all ''   e ''   ''   a
  iv)some ''   d are not ''   a
  v) ''   e   are   ''   b
  1) i only 2) iii only 3) i and iii only 4) all the above 5)none

 e)if all members of b are also members of c then
     i) all members of a are also members of b
     ii)all ''   ''   c
     iii)   ''   b   '''   a
     iv) some members c   ''   e and b
     v)   ''   ''   d and b
     1) ii only 2) iii and iv only 3) iii only   4) ii and iv only
     5)none
11)
   boys are allowed to watch football at c.v.Raman auditorium subjecte
d
to
   conditions.
   i)the boy over age 16 can wear overcoat
   ii)no boy over age 15 can wear cap
   iii)to watch the football either he has to wear overcoat or cap
        or both
   iv) a boy with an umberella or above 16 or both cannot wear sweater

.

   v) boys must either not watch football or wear sweater.

   What is the appearence of the boy who is watching football.

   Iam sending the Tata Ibm paper by three parts. Some more

paper will be sent by Bhadram.   Here is the first part

****

 12. After the following command is executed

 $ ln old new

 a listing is performed with the following output

 $ls -li

 total 3
 15768 -rw-rw-rw- 2 you 29 sep 27 12:07 old
 15768 -rw-rw-rw- 2 you 29 sep 27 12:07 New
 15274 -rw-rw-rw- 1 you 40 sep 27 09:34 very old

 Which of the following is true

 a) Old and new have the same i-node number ,2
 b) old and new have the same i-node number ,15768
 c) old and new have nothing to do with each other
 d) very old and new are linked
 e) veryold and old are linked

 29) Which of the following is true about fork ()
 a) It transforms an executable binary file into a process

29) Which of the following is true about fork ()

a) It transforms an executable binary file into a process
that overlays the process which made the fork ()
system call. No new proces is created   Ans B;
b) Causes the creation of a new process the CHILD process
with a new process ID.
c) Causes the creation of a new process, the child process with
the same process ID as the parent
d) fork() has nothing to do with processes.
e) fork() is not a system call

1)which message is displayed when a window is destroyed

a)WM-CLOSE   B)WM-DESTROY   C)WM-NCDESTROY   D)WM-POST DESTROY

ans: check your self may be B

2) what is meant by SEND MESSAGE AND POST MESSAGE

ans:we don't know

3)which is the message used to limit the size of the window

a)WM-SIZE   B)WM-RAWT   C)WM-GETMINIMAX INFO D)WM-COMMAND

E)WM-CREATE

3)until |who|grep mary
do
  step 60
  done

  a)is syntactically correct
  b)waits 60 sec. irrespective of mary being logged in or not
  c)waits until mary is logged in
  d)waits till mary exists
  e)none

  ans:C

  4)the unix system call that transform an executable binary file into

a process:
ns: we don't know

5)fork() is a system call causes

ans: causes the creation of a new process , the child person with a ne
w
process ID
6)main()
{
char *x="string"
char y[]="add";
char *z;
z=(char *) malloc(sizeof(x)+size of(y)+1)
strcpy(z,y);
strcat(z,x);
printf("%s+%s=%s",y,x,z);

}

ans:Add+string=addstring (if it is in caps also true)

7)char *(*(*a[n]())();

ans:d)an array of n pointers to functions returning pointers to functins returning pointers to charecters

8)interprocess command in unix be achieved by

a)pipes   b)messages   c)semaphores   d)shared memory e0all

ans: E (all)