

INTERGRAPH

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> We do not remember the questions exactly, here we just tried to cover
> the major areas.

>

> Paper consists of two sections : 1. analytical (20 marks)

> 2. C skills (20 marks)total time 45 min

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> Analytical:

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> 1. Given a cube, with different colors on its faces, and then is cut
> into 64 pieces, and the questions relate to the colors of different
> colored small cubes.

>

> 2. A few ladies and gents sit around table in some given order and 4
> questions are about their seating arrangement with some restrictions.

>

> 3. Draw a venn diagram for 3 items : white, flowers, cloth

>

> Ans : draw 3 circles each intersecting the other , with white kept in
the

> middle.

>

> 4. A problem related to seating arrangement of 4 people (2 ladies
and
> 2 gents) with some restrictions
>
> 5. problem related to milk with water added to it for three times
>
> Ans: 20.5 litres
>
> 6. Problem related to diagrams . Five diagrams were given and asked
to
> find the sixth one.
>
> C-Skills:
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>
> 1. Max number of nodes in a binary tree with height 3 is 20 : Ans:
False
>
> 2. 10,20,30,40,50,60 : give the order when put in a queue and in a
stack
>
> Ans : Queue : 10,20,30,40,50,60
> stack : 60,50,40,30,20,10
>
> 3. Debugging is the process of finding
>
> Ans : logical and runtime errors
>

> 4. trace the error:

>

> void main(){

> int &a;

> /* some other stuff here */

> }

> Ans: syntax error

>

> 5. a problem with a function named 'myValue' will be given and asked to

> find the value of main() for an argument of 150,

>

> Ans : 150

>

> 6. Some problems related to 'for' loops.

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> 7. problem on conditional inclusion.

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> 8. problem related to depth first and breadth first search (DSA subject)

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> 9. study the syntax of malloc function

>

> 10. locate the error

>

> int arr (20);

> Ans: syntax error.

>

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> the above are only the guide lines, may not be the exact paper.

>

> WISHING YOU ALL THE BEST

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