

Customized Technologies (Bangalore).

- Manali Japre.

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Round 1 - Aptitude

- Q.1 } conversions from dec to binary. conversion to hex &
- Q.2 } similar types.
- Q.3 Problem on tank i.e pipes & cisterns. (complexity high).
- Q.4 $(A \cup B \cup C) \cap (B \cup A)$. Draw Venn diagram & give the ans.
- Q.5 You have a quadrilateral with all sides equal. Length of shortest diagonal is $1/2$ length of longer diagonal. Find length of sides.

Round 2 - Technical coding (write code in any language.

They will check logic) // Even simple english will do.

- Q.1 condition of a USB 2.0 camera was given. Frame rate had to be found.
- Q.2 series of no. was given 3, 6, 12, 24 - - -
Find fⁿ to find nth no. of this series in
 - a) Recursive way
 - b) Non-recursive way

Q.3.

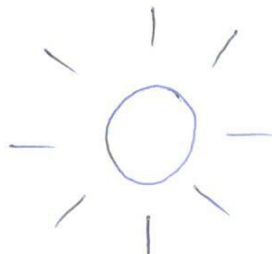
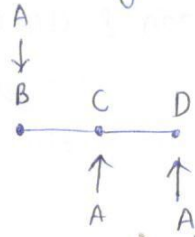


Image was given. we had to draw image such that gap b/w circle & line was $r/2$. Length of line was

functions.

Q4. 4 cities were given where position of 1 city was variable. we had to find position of given city wrt another given city. write function for above code



[A could be in any of these positions].

Q5: write code to solve k-map.

Note - It is product based company and looks for people good at Maths & Geometry.