

## Alumnus Paper Technical - Java

### Sample

### Test

### paper

1. Find the locus of the point whose sum of distance from 2 fixed points is constant.

2.  $\int_{-\infty}^{+\infty} \exp(-x^2) dx$

3. The product of any 3 consecutive nos is always divisible by \_ ? options[12/6/10/24]

4. `int i=0,j=50`

`while (i<j)`

`{`

`if(<some condtn>)`

`{`

`<body of the loop>`

`i++`

`}`

`elseif(<some condtn>)`

`{ <body of the loop>`

`j--`

`}`

`else(<some condtn>)`

`{<body of the loop>`

`j--`

`}`

`}`

How many times the body of the loop is going to be executed?  
options[unknown/25/50/depends on the given condtn]

5. How can you include a library code written in C++ in a source code written in C?

(Options are there)

Ans. Some cross-linked platform(compiler) is required for this.

6.

`int`

`a[20],i`

