

5) what is container in c++?

6) what is collection?

7) what is list & vector?

8) what is pointer & reference & diff. bet<sup>n</sup> them.

9) what is inheritance

10) Types of inheritance, structure of multiple inheritance

- If there are 8 balls & one is heavy amongst them, How will you identify / differentiate it in 2 steps?
-

Struts :->

★

Action in struts

POJO

POJI

★

Authorization,  
Authentication

★ Struts tags

★ [JSTL, EL, OGNL]

↳ A question

Asp.net

①

Various control

②

Roles

③

Authorization, Authentication

# Raja. Software.

Date: \_\_\_\_\_

Page: \_\_\_\_\_

(i) Write a program of palindrome without using api (Check for palindrome).

(ii) There are two lists we have to merge the two lists.  
for eg:-

\* list 1: [1, 2, 3] list 2: [a, b, c]

output: [1, a, 2, b, 3, c]

\* list 1: [1, 2, 3, 4, 5] list 2: [a, b, c]

output: [1, a, 2, b, 3, c, 4, 5]

\* list 1: [1, 2, 3] list 2: [a, b, c, d, e]

output: [1, a, 2, b, 3, c, d, e]

(iii) Print the numbers from 1 to 100.

\* if the number is multiple of 3 print Raja.

\* if the number is multiple of 5 print Software.

\* if the number is multiple of 3 & 5 both print Raja Software.

(iv) Print the 1st non-repetitive letter for eg:-

"Amazon" non-repetitive letter is m (1st non-repetitive).



(v) Find the sum of all odd numbers in the array for eg:-

[10, 1, 3, 5, 7, 6, 2, 4, 9]

$$1 + 3 + 5 + 7 + 9 = 25$$

(vi)

[0, 1, 2, 3, 4, 5, 6, 7, 8, 9] : list

[0, 1, 2, 3, 4, 5, 6, 7, 8, 9] : list

[0, 1, 2, 3, 4, 5, 6, 7, 8, 9] : list

[0, 1, 2, 3, 4, 5, 6, 7, 8, 9] : list

[0, 1, 2, 3, 4, 5, 6, 7, 8, 9] : list

[0, 1, 2, 3, 4, 5, 6, 7, 8, 9] : list

(iii) Print the numbers from 1 to 100

if the number is a multiple of 3

print "Fizz"

if the number is a multiple of 5

print "Buzz"

if the number is a multiple of both 3 and 5

print "FizzBuzz"

else

print the number

end

"FizzBuzz"

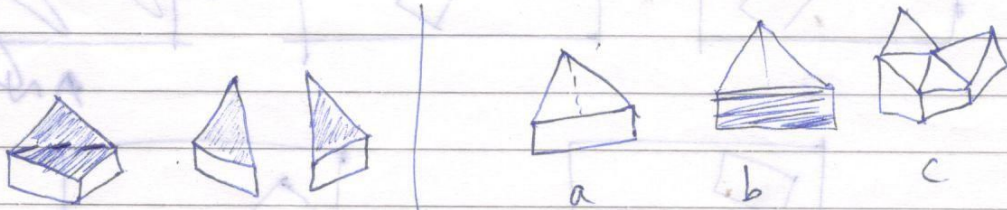


1) 7 shapes consisting of Squares, Circles, Triangles. 3 <sup>Triangle</sup> Squares : 1 square

How many circle were there?

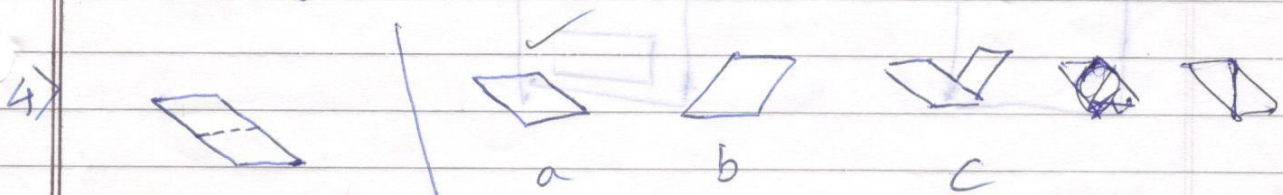
Ans: 3

2) father is 3 times age of son. Son is 3 times sister. Father + ~~4~~ sister = 50

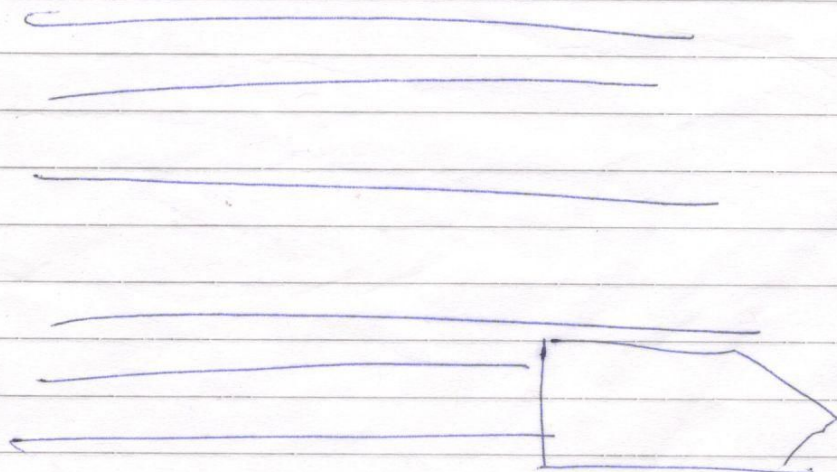


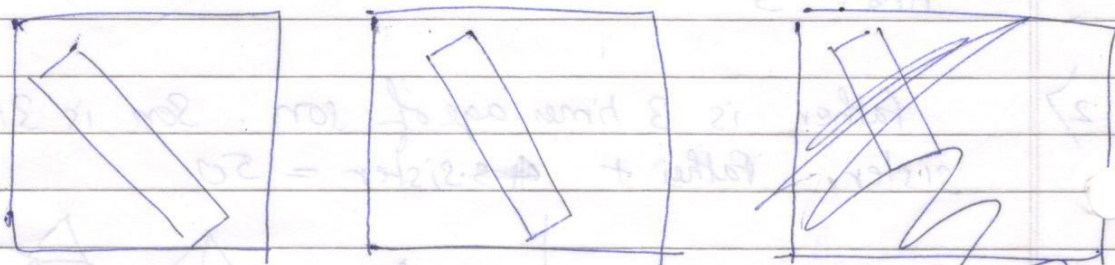
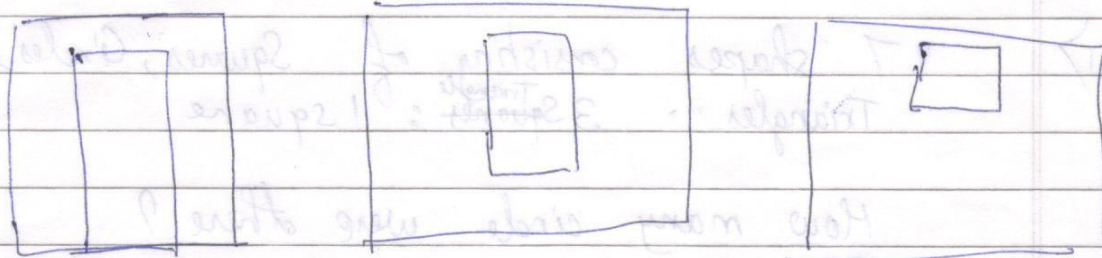
3) How many sides in a six side pencil

Ans: 8



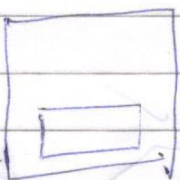
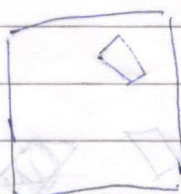
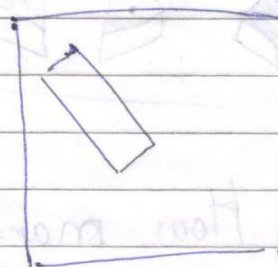
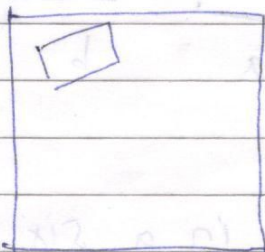
5)





ANS.

option.





Topic: \_\_\_\_\_

Date: \_\_\_\_\_

Page: \_\_\_\_\_

Zycus

--- 1  
-- 1 2 1  
- 1 2 1 2 1  
1 2 1 2 1 2 1

Second Highest No. & Third Highest No.



Technical

- 1) Diff bt<sup>n</sup> C++ & Java
- 2) What is Generics?
- 3) Define Type Erasure
- 4) `<? extend ____>` with eg
- 5) `<? super ____>` with eg
- 6) Diff bt<sup>n</sup> List & Set
- 7) ~~Def~~ Explain Hash Map
- 8) OOP's with eg
- 9) Flow of project
- 10) What do you write in web.xml (spring mvc)
- 11) Why did you use hibernate template?
- 12) 

```
try
{
    ____
    return true;
}
finally
{
    return false;
}
```
- 13) What is ArrayStore Exception?
- 14) Diff bt<sup>n</sup> List `<?>` & List `<Object>`



## Technical

- Q1) Why Spring MVC?
- Q2) Why Hibernate template?
- Q3) How to display current date in JSP?
- Q4) WAP on string palindrome?
- Q5) WAP on number palindrome?
- Q6) A00, 0B0, 00C, Z97, 8U5, C66  
print only those amongst the above which starts with character  
eg: A00 Z97 C66
- Q7) Diff bt<sup>n</sup> list & set

GD

- 1) Pink V/s Blue
- 2) Ache din
- 3) Impact of Social Networking on day-to-day life
- 4) Will India be the next superpower by 2025.

GD topic Altair.

- 1) Core engg vs Software engg.
- 2) Automation.
- 3) Software development.