1. Register function which holds the address for instruction is known as

Ans: programme counter

1. Which of the below access specifiers can be used with keyword class?

Ans: default, protected, public,private

1. JVM is platform independent

Ans: false

1. Following is true for understanding of a problem

Ans: all of the above

1. Which command will calculate 4+2 and print the calculated value?

Ans: bc<<<4+2

1. Java keywords can be written in lower case as well as upper case

Ans: false

1. Every process has one parent process, but a process can have many child processes

Ans: true

1. What are the range of heading tags available using html

Ans: h1 to h6

1. How many different types of files are available in Unix?

Ans: 3

1. In unix – is a program like any other programmes but has as specality about it is that its job is to run other programme rather than to do calculation itself

Ans: shell

1. What is the output for below code?

Ans: suresh, hema,rakesh

1. -------- is phenomenon in which storage space is --------

Ans: fragmentation

1. Commands that can be used to get a list of all files in the current working directory

Ans: all except none of these

1. Which of the following is a valid javascript variable
2. Var $check=11
3. Var check=10
4. Var 1\_check=11
5. Var check=11

Ans: 1 2 4 r correct

1. The general syntax of defining a css rule

Ans: selector{property:value}

1. Which of the below statements is true?

Ans: all

1. The six step solution for the problem can be applied to

Ans: only algorithmic solution

1. What will be the output upon executing the following code? Class E {public static void main string[], args) {int x=100;double y=100 1;boolean b=(x=y); s.o.s.p(b);}}

Ans: compilation fails

1. Java compiler stores the .class files in the path specified in CLASSPATH environment variable

Ans: t

1. Microprocessor is called as---------of the computer

Ans: heart

1. Is 3\*4 is equivalent to 3<<2?

Ans: true

1. Which potential abuse of 00 design arises when a class has too many responsibilities or when a concern is spread

Ans: tightly coupled

1. Where is the correct place to insert a javascript ?

Ans: both

1. Which is not example of operating system

Ans: solarwinds

1. The operating system searches the --------environment variable entities for executable programme………

Ans: CLASSPATH

1. WHAT are called javascript reserved words

Ans: those words which cannot use as function/variable

1. How might you violate the spirit of the principle of substitution?

Ans: employ a behaviour that is not specified in the base class

1. Which of the below command ,selcets lines in files that match patterns?

Ans: grep and sed

1. Constructors can be private? Ans: true
2. Select the appropriate code to get output list ofnitems item-1 item -2

Ans:all

1. Which of these java packages are imported by default in a programme?

Ans: java.lang.package, current package, package with no name

1. Class test{public void mainString[] args}…….

Ans: false true

1. Output of the programme

Class output {

Public static void main()

Int a=1;

Ans:

1. What will be the output upon the execution of the following code? Class B{public static }

Ans:

1. Which of the following algorithm pays the least attention to the ordering of the elements in the input list?

Ans: selection sort

1. Which of the following
2. Var new;
3. Var typeof
4. Var double
5. Var break

Ans: none

1. When you type any command on the command prompt in unix, the shell has to locate------

Ans: PATH

1. Which statements apply to LISKOv substitution principle?

Ans: it essentially, reinforced, children of the type

39)what type of files are used to represent Physical Device in unix?

Ans: special files

1. Which of the below commands finds files with specific properties that match patterns?

Ans: grep and sed

1. A cellular network or mobile network is a ------------network

Ans: radio

1. How many steps are there in problem solving

Ans: 6

1. What will be the output of the program?
2. 2nd number is biggr
3. 1st number is bigger
4. None
5. Equality

Ans:

1. ----------- solution requires reasoning built on knowledge and experience?

Ans: heuristic solution

1. Which statements about oo design are accurate?

Ans:existing logic and components are re-used, involves decoupling of application components, access is controlled----, components are tested in isolation **(not sure)**

1. ----------- is the 1st step in solving the problem

Ans: identify the problem

1. What are the benefits of the single responsibility principle?

Ans: all

1. Which properties signifies how many rows a cell should span

Ans: rowspan=n

1. If a class selector is created free of a tag name then all the tags that have the same class name will be

Ans: true

1. The correctioness and appropriateness of --------solution can be checked

Ans: algorithmic

1. Which statements are accurate regarding the use of lsp in c#

Ans: analyse your classes to ensure---, focus on re-use not maintenance, use the cyclomatic, use code metrics ----

1. The method listen() is used by

Ans: server

1. Which checks the object code to determine whether there are more efficient means of execution?

Ans: compiler

1. For process running in background ----command can be used to stop it

Ans: kill

1. A process in the unix system can execute in two modes ----and ---

Ans: kernel or user

1. You r designing an application from scratch. You intend for something to be overridden in the basic classes but u need it …….

Ans: virtual

1. In the given array declaration which expression returns the output as 7?

Ans: arr.length

1. Public static void main(string[] args)

{

Int sum=0;

For(int i=0;j=0;i<5 &j<5;++I,j=i+1)

Sum+=I;

s.o.s(sum);

}

Ans: 6

1. What does the single responsibility principle entail?

Ans: ensuring that each class only has one axis or reason to change

1. You are designed an application from scratch. You intend something to be overridden in the base classes but you need it indicated that you don’t need to hide it. Which modifier should you use?

Ans: virtual

1. To specify a font for you whole page add which tag?

Ans: <basefont>

1. What will be the output class a {public static void }

Ans: 0 3 4

1. Guess the output of this programme? Class a{public static(string [] , args) {int x=10,y=1;if()………..} else s.o.s(++y);}}

Ans: 2

1. What is the output for the code below?

Ckass test{

Public static void main()

Int arr[2]

s.o.s(arr[0])

s.o.s(arr[1])

}

}

Ans: compilation error

1. What is the correct HTML for adding a background colour?

Ans: <body style=”background-color.white”>

1. Which statement will return true if at least one condition is true?

Ans: (condition1| condition 2)

1. A process in the unix system can execute in two modes---------and -----------

Ans: kernel and user

1. Can we write comment line like this in java programming ?

Ans: false

1. What is the command to print the no of lines in current directory?

Ans: none

1. Last step in solving problem?

Ans: evaluation

1. Identify the process that will start in the background. Select the suitable sample

Ans: pwd &

1. Hiding complexity of an algorithm is widely known as

Ans: abstraction

1. Which of the following complexity analysis is/are correct

Ans: red black 0(N LG N ),BST O(N2)

The time complexity of a quick sort algorithm which makes use of median, found by an 0(n) algorithm, as pivot element is o(nlogn)

Ans: the worst case running time building a binary search tree is 0(n2), red-black 0(n lg n)

1. ----------is default package in java

Ans: java.lang

1. Which types of files are used to represent physical devices in unix?

Ans: special files

1. The unit that communicates directly with CPU is called the

Ans: main memory

1. Which of the following is designed to control the operations of a computer?

Ans: system software

1. Guess the output of the programme? Class A { public static void main(String[], args){ int a=10; if(a==10){a=45;} system.out.print(a);}}

Ans: 45

1. Which of the following is legal HTML syntax?

Ans: <FRAMESET COLS=”50%,50%”>

1. You are running a library catalog. You know that the books in your collection are almost----------

Ans: insertion sort

1. What is the correct HTML tag for creating hyperlinks

Ans: <a href=”hyperlink html”>hyperlink</a>

1. -----------is default package in java

Ans: java.lang

1. Which of the following tags are related to table in HTML?

ANS: <table> <tr> <td>

1. The output of the command $path as below:

/usr/bin-----------

Ans: paths of the directories to be referred by shell as part of fulfilling the user request

1. What is the output of the following programme?

Class output{

Public static void main(String args[])

{

Int a=1;

Int b=2;

Int c;

Int d;

C=++b;

D=a++;

C++;

B++;

++a;

s.o.s(a+ “ “ +b + “ “ + c);

ans: 3 4 4

1. A process on a unix system is the entity that is created by the ---------system call

Ans: fork

1. Which of the following is not a primitive data type in java?

Ans: string

1. ----------is the last step in solving a problem

Ans: evaluation

1. Which of the following is the correct way to change font face in web page?

Ans: <font face = “font name”>-----</font>

1. Output

Public static void main(String args[])

{

Access obj=new access();

Obj.call(2,3);

s.o.p(obj x + “ “ + obj.y);

}

}

Ans: compilation error

1. If the given input array is sorted or nearly sorted which of the following algorithm gives the best performance?

Ans: insertion sort

1. Commands that finds lines that contain the word “not” from the file “my text.docx”

Ans: grep “not” myText.doc

1. Identify the invalid varaiable names

2\_VAR

VAR\_AI

Variable\*.

Var1-var2

Ans: all the above

1. Java script is designed for following purpose

Ans: to add interactively to HTML pages

1. The correctiness and appropriateness of --------- solution can be checked very easily

Ans: algorithmetic

1. The name of the class selector can be

Ans: character , string or a combination of characters and numbers

1. -------- is known as expansion bus, communicates with eternal components such as USB or SCSI device

Ans: external bus

1. Identify the benefits of solid

Ans: re-use existing logic and components, control acces-----, decouple application components , test components in isolation

1. Which of the following event is called once the page has finished loading

Ans: onload

1. External css is the most flexible way of writing css as it allows to change styling across multiple html pages by making changes ---

Ans: true

1. What does the <nonscript> tag do?

Ans: enclose text to be displayed by non-javaScript browsers

1. The time complexity of a quick sort algorithm which makes use of median, found by an 0(n) algorithm as proof element is

Ans: 0(nlogn)

1. In unix, terminal is treated as standard output file

Ans: t

1. Which properties specifies how many rows a cell should span

Ans: rowspan =n