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

   Ans: programme counter

2) Which of the below access specifiers can be used with keyword class?

   Ans: default, protected, public,private

3) JVM is platform independent

   Ans: false

4) Following is true for understanding of a problem

   Ans: all of the above

5) Which command will calculate 4+2 and print the calculated value?

   Ans: bc<<<4+2

6) Java keywords can be written in lower case as well as upper case

   Ans: false

7) Every process has one parent process, but a process can have many child processes

   Ans: true

8) What are the range of heading tags available using html

   Ans: h1 to h6

9) How many different types of files are available in Unix?

   Ans: 3

10) 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

11) What is the output for below code?

    Ans: suresh, hema,rakesh

12) -------- is phenomenon in which storage space is --------

    Ans: fragmentation

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

    Ans: all except none of these

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

    Ans: 1 2 4 r correct

15) The general syntax of defining a css rule

Ans: selector{property:value}

16) Which of the below statements is true?

Ans: all

17) The six step solution for the problem can be applied to

Ans: only algorithmic solution

18) 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

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

Ans: t

20) Microprocessor is called as---------of the computer

Ans: heart

21) Is 3*4 is equivalent to 3<<2?

Ans: true

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

Ans: tightly coupled

23) Where is the correct place to insert a javascript ?

Ans: both

24) Which is not example of operating system

Ans: solarwinds

25) The operating system searches the --------environment variable entities for executable programme………

Ans: CLASSPATH

26) WHAT are called javascript reserved words

Ans: those words which cannot use as function/variable

27) How might you violate the spirit of the principle of substitution?

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

28) Which of the below command ,selcets lines in files that match patterns?

Ans: grep and sed

29) Constructors can be private? Ans: true

30) Select the appropriate code to get output list ofnitems item-1 item -2

Ans:all

31) Which of these java packages are imported by default in a programme?

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

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

Ans: false true

33) Output of the programme

Class output {

Public static void main()

Int a=1;

Ans:

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

Ans:

35) Which of the following algorithm pays the least attention to the ordering of the elements in the input list?

Ans: selection sort

36) Which of the following
    1) Var new;
    2) Var typeof
    3) Var double
    4) Var break

Ans: none

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

Ans: PATH

38) 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

39) Which of the below commands finds files with specific properties that match patterns?

Ans: grep and sed

40) A cellular network or mobile network is a ------------network

Ans: radio

41) How many steps are there in problem solving

Ans: 6

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

Ans:

43) ----------- solution requires reasoning built on knowledge and experience?

Ans: heuristic solution

44) 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)**

45) ----------- is the 1st step in solving the problem

Ans: identify the problem

46) What are the benefits of the single responsibility principle?

Ans: all

47) Which properties signifies how many rows a cell should span

Ans: rowspan=n

48) 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

49) The correctioness and appropriateness of --------solution can be checked

Ans: algorithmic

50) 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 ----

51) The method listen() is used by

Ans: server

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

Ans: compiler

53) For process running in background ----command can be used to stop it

Ans: kill

54) A process in the unix system can execute in two modes ----and ---

Ans: kernel or user

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

Ans: virtual

56) In the given array declaration which expression returns the output as 7?

Ans: arr.length

57) 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

58) What does the single responsibility principle entail?

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

59) 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

60) To specify a font for you whole page add which tag?

Ans: <basefont>

61) What will be the output class a {public static void }

Ans: 0 3 4

62) 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

63) 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
```

64) What is the correct HTML for adding a background colour?

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

65) Which statement will return true if at least one condition is true?

Ans: (condition1| condition 2)

66) A process in the unix system can execute in two modes--------and -----------

Ans: kernel and user

67) Can we write comment line like this in java programming ?

Ans: false

68) What is the command to print the no of lines in current directory?

Ans: none

69) Last step in solving problem?

Ans: evaluation

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

Ans: pwd &

71) Hiding complexity of an algorithm is widely known as

Ans: abstraction

72) 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)

73) ----------is default package in java

Ans: java.lang

74) Which types of files are used to represent physical devices in unix?

Ans: special files

75) The unit that communicates directly with CPU is called the

Ans: main memory

76) Which of the following is designed to control the operations of a computer?

Ans: system software

77) 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

78) Which of the following is legal HTML syntax?

Ans: <FRAMESET COLS="50%,50%">

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

Ans: insertion sort

80) What is the correct HTML tag for creating hyperlinks

Ans: hyperlink

81) -----------is default package in java

Ans: java.lang

82) Which of the following tags are related to table in HTML?

ANS: <table> <tr> <td>

83) 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

84) 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

85) A process on a unix system is the entity that is created by the ---------system call

Ans: fork

86) Which of the following is not a primitive data type in java?

Ans: string

87) ----------is the last step in solving a problem

Ans: evaluation

88) Which of the following is the correct way to change font face in web page?

Ans: -----

89) 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
```

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

Ans: insertion sort

91) Commands that finds lines that contain the word "not" from the file "my text.docx"

Ans: grep "not" myText.doc

92) Identify the invalid varaiable names
    2_VAR
    VAR_AI
    Variable*.
    Var1-var2
    Ans: all the above

93) Java script is designed for following purpose

Ans: to add interactively to HTML pages

94) The correctiness and appropriateness of --------- solution can be checked very easily

Ans: algorithmetic

95) The name of the class selector can be

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

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

Ans: external bus

97) Identify the benefits of solid

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

98) Which of the following event is called once the page has finished loading

Ans: onload

99) 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

100)   What does the <nonscript> tag do?

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

101)   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)

102)   In unix, terminal is treated as standard output file

Ans: t

103)   Which properties specifies how many rows a cell should span

Ans: rowspan =n

104)