1) What will be output of following program ?

```
class abc
{
    public static void main (string [ ] S)
    {
        for (int i=0 ; i<10 ; i+ +)
        {
            SYSTEM.out.println(i);
        }
    }
}
```

(A) error
(B) i
(C) Display 1 to 10
(D) 1, 2, 3, ... 10

2) Java class is generally made up of which components ?

(A) Behaviour, variable
(B) Attributes, behaviour
(C) Name, attributes
(D) Name, variable

3) A variable declared using class type can store what to an object ?

(A) Relation
(B) Root
(C) Rate
(D) Reference

4) In object oriented programming languages, creating an object is also called as what ?

(A) Object instantiation
(B) Oriented installation
(C) Installation
(D) Project installation

5) Modern word processing software operates in which of the following mode ?

(A) WYSIWYG
(B) WISYWYG
(C) WIGIWIS
(D) WISWYG

6) Which of the following character is used to mark a comment in LaTeX ?

(A) %
(B) &
(C) $
(D) #

7) Which of the following commands generate the Set Union symbol in LaTeX ?

(A) \ union
(B) \ cap
(C) \ cup
(D) \setunion

8) In LaTeX, square root of a number x is denoted by following command ?

(A) \ sqrt [x]
(B) \ sqrt { x }
(C) \ sqrt < x >
(D) \ sqrt (x)

9) What is an indication of a problem that occurs during a program's execution, it usually signals an error ?

(A) Exact
(B) Extraction
(C) Exception
(D) Expectation

10) Which type of file you are not able to create when there is a syntax error in the program and we get a compilation error ?

(A) . txt
(B) . Html
(C) . Java
(D) . class

11) Which of the following is example of common syntax error ?

(A) Only missing semicolon.
(B) Both missing semicolon and use of undeclared variable.
(C) Missing semicolon.
(D) Use of undeclared variable.

12) A compiler is used to convert source code into what ?

(A) Object code
(B) ASCII code
(C) Scite code
(D) Text code

13) Which file class method is used to return the number of bytes in that file ?

(A) long byte ( )
(B) long file ( )
(C) long number ( )
(D) long length ( )

14) Which class is the base for writing a character stream ?

(A) Impress
(B) Writer
(C) Calc
(D) Draw

15) What occurs when there is a failed I/O operation in writer class ?

(A) IO Base
(B) IO throw
(C) IO Class
(D) IO Exception

16) Which abstract class defines the functionality that is available for all character input stream ?

(A) Text class
(B) Void class
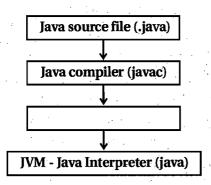(C) Reader class
(D) Writer class

17) Which File Input Stream method is used to read a byte of data from this input stream ?
(A) void read ( )   (B) read void ( )
(C) void close ( )   (D) int read ( )

18) Java uses which keyword to write an exception handler ?
(A) catch, finally, block
(B) try, catch, except
(C) try, except, catch
(D) try, catch, finally

19) Which block contains the code that is intended to handle exceptions of a particular type that were created in the associated try block ?
(A) Catch   (B) Handle
(C) Try   (D) Blk

20) Which of the following is syntax to throw an exception object ?
(A) throws exception_object ;
(B) throw exception_object ;
(C) Exceptionthrow object ;
(D) throwexception object_throw ;

21) Which type of storage values store in variables are lost when computer is shutdown ?
(A) Volate storage   (B) Non-volate storage
(C) Volatile storage (D) Non-volatile storage

22) Which class provides a method for reading password ?
(A) Writer class   (B) Scanner Input class
(C) Reader class   (D) Console class

23) Which scanner class method is used to scan the next token of the input as Int ?
(A) int next Int ( )   (B) int has Next ( )
(C) Void int ( )   (D) int next ( )

24) Which file class method is used to return the path to the file or directory ?
(A) String get Name ( )
(B) String get File ( )
(C) String get Directory ( )
(D) String get Path ( )

25) LaTeX command starts with which character followed by the command name ?
(A) \ (back slash)   (B) *
(C) ?   (D) / (front slash)

26) From following LaTeX command which of the part is optional argument ?
\ document [14pt] { article }
(A) document [14pt] (B) 14pt
(C) document   (D) article

27) In LaTeX, to insert a break in lines user uses which command at the end of each line ?
(A) $@   (B) ##
(C) $#   (D) \\

28) Which command in LaTeX is used to define the document's title ?
(A) \ title doc   (B) \ title
(C) \ doc title   (D) \ LaTeX title

29) TeX and LaTeX use which file extension ?
(A) . avi   (B) mp3   (C) . tex   (D) jpeg

30) Which command in LaTeX produces the popular PDF format files ?
(A) pdf latex   (B) pdf conv
(C) pdf pop   (D) pdf tex

31) Data stored in files is often called as what ?
(A) Persistent data   (B) Personal data
(C) Provision data   (D) Public data

32) Which of the following is an example of binary file ?
(A) C   (B) mp3   (C) txt   (D) Java

33) Which class encapsulates information about the properties of a file or a directory ?
(A) Java.out.file   (B) Java.in.file
(C) Java.file.io   (D) Java.io.File

34) Which file class method is used to return true, if the file or directory is hidden ?
(A) boolean is Hidden ( )
(B) boolean exists ( )
(C) boolean is File ( )
(D) boolean is Directory ( )

35) Java language is developed by which company ?
(A) Sun Micro System
(B) Sun Java System
(C) Sun System
(D) Sun Pharma Co-operation

36) The machine language for the Java Virtual Machine is called what ?
(A) Code byte   (B) Type code
(C) Java byte code   (D) Java code

37) While creating Java what must be the same ?
(A) folder name, file name
(B) extension name, file name
(C) class name, folder name
(D) class name, file name

38) When the program gets compiled without error, compiler creates a file with which extension ?
(A) . comp   (B) . txt
(C) . java   (D) . class

39) The process of compiling and executing a Java application is as follows. What is missing from given chart ?

```
┌─────────────────────────┐
│  Java source file (.java) │
└─────────────────────────┘
            │
            ▼
┌─────────────────────────┐
│  Java compiler (javac)   │
└─────────────────────────┘
            │
            ▼
┌─────────────────────────┐
│                         │
└─────────────────────────┘
            │
            ▼
┌─────────────────────────┐
│ JVM - Java Interpreter (java) │
└─────────────────────────┘
```

(A) Java class (*.exe)
(B) Java textcode (*.txt)
(C) Java Bytecode file (*.class)
(D) Java typecode (*.obj)

40) Which code indicates whether the command or a program executed successfully or not ?
(A) run code : 0   (B) Scite code : 0
(C) Source code : 0   (D) Exit code : 0

41) Which package contains a hierarchy of classes dealing with various exceptions ?
(A) java.obi and java.cls
(B) Java.lang and java.io
(C) Java.lang and Java.obi
(D) Exit.obi and Java.class

42) When there is an attempt to divide any number by 0 (zero) which exception is occured while executing the program ?
(A) Zero Exception
(B) Number Exception
(C) Divide Exception
(D) Arithmetic Exception

43) When there is an attempt to convert string to a number type which exception is occured while executing the program ?
(A) Number Format Exception
(B) Format Exception
(C) Convert Exception
(D) String Exception

44) What is the full form of CTAN ?
(A) Compare TeX Archive Notes
(B) Comprehensive Tex Archive Network
(C) Comprehensive TeX Add Network
(D) Code TeX Article Network

45) In LaTeX, to print not equal to sign, which mathematical symbol is used ?
(A) \ neq   (B) \ nteq
(C) \ noteqto   (D) \ noteq

46) In LaTeX, which command is used to emphasis effect to text ?
(A) \ eph   (B) \ emph
(C) \ empha   (D) \ emh

47) In LaTeX, which command is used to set paper size and margins ?
(A) \ use pageout   (B) \ use paper
(C) \ use package   (D) \ use page

48) In LaTeX, who has created the packages ams math, ams symb and ams fonts ?
(A) American Mathematical Society
(B) Advance Mathematical Source
(C) ASCII Mathematical Society
(D) Armstrong Mathematical Source

49) Whenever two classes have a 'is - a' relationship, what is used ?
(A) Instant   (B) Relations
(C) Inheritance   (D) Invalue

50) Which class inherits all instance variables and methods from super class and it may have its own added variables and methods ?
(A) Out class   (B) Super class
(C) In class   (D) Sub class

51) Which keyword is used to call the constructor of super class in the constructor of sub class ?
(A) super (B) void   (C) sub   (D) class

52) A sub class can be derived from which class ?
(A) over class   (B) super class
(C) main class   (D) own class

53) Java supports two types of strings that are handled by two classes. Which are they ?
(A) String, Buffer String
(B) String, String Buffer
(C) String, String Literals
(D) String, Buffer

54) Which constructor can be used without arguments to create a string object with no character ?
(A) String ( )
(B) String { }
(C) String (0, 1)
(D) String [ ]

55) Which of the following tasks are provided by string class ?
(A) Appending string
(B) All the given three options
(C) Extracting part of string
(D) Splitting string into sub string

56) Which of the following method returns number of characters in invoking string ?
(A) int count ( )
(B) int lencount ( )
(C) int length ( )
(D) int len ( )

57) Instance variables and instance methods are accessed via objects. They can be referred by using which operator ?
(A) //
(B) (.) dot
(C) $
(D) #

58) Which type of variables are defined within a class but outside any method ?
(A) Class variable
(B) Empty variable
(C) Local variable
(D) Instance variable

59) In Java, we can have different methods that have the same name but a different signature is also called as what ?
(A) Method overloading
(B) Variable overloading
(C) Same overloading
(D) Poly overloading

60) To provide an user-defined no-argument constructor, which of the following command is used ?
(A) School (float i, float j) ;
(B) School (int i) ;
(C) School ( ) { } ;
(D) School { } ( ) ;

61) Which of the following method is used to return a string converted to lower case ?
(A) String to Lower Case ( )
(B) String To LOWER ( )
(C) String ( )
(D) String Lower ( )

62) Which of the following method is used to return a string after appending str with the invoking string ?
(A) String Append ( )
(B) String concat (string str)
(C) String ConAppend ( )
(D) String Append (string)

63) Which class encapsulate both date and time and represent the value using milli-seconds precision ?
(A) Preci class
(B) Sec class
(C) Data class
(D) Time class

64) Which of the following method is used to construct date object using current system time ?
(A) Class Date 1
(B) Class Date ( )
(C) date ( )
(D) Date ( )

65) Which of the following is right way to define variable ?
(A) $age
(B) discount rate
(C) 4youpeople
(D) %discount

66) String literals is a sequence of characters enclosed in which quotes ?
(A) triple
(B) double
(C) single & double
(D) single

67) Which of the two symbols are used in the conditional operator in Java ?
(A) ; and *
(B) # and ?
(C) ? and :
(D) / and ?

68) While using shorthand version of assignment, if it is defined as $a + = b$, where a is 7 and b is 8, then what will be result of a ?
(A) 8
(B) 49
(C) 14
(D) 15

69) When two operators are having different priority, then an operator with higher precedence is operated ......
(A) first
(B) last
(C) second
(D) in middle

70) 1-D array is initialized using comma separated values of data elements using which brackets ?

(A) ( )　　　　　　　(B) < >

(C) [ ]　　　　　　　(D) { }

71) Sort ( ) and Fill ( ) methods can be used in Java by ...... class.

(A) java.util.Arrays　　(B) util.java.arrays

(C) java.Array.util　　(D) java.arrays.utils

72) Which type of arrays are used to store tabular data in the form of rows and columns ?

(A) 3-D　　　　　　(B) 4-D

(C) 1-D　　　　　　(D) 2-D

73) If user wants to store 15 integer values through arrays, then which of the following is used ?

(A) int m3 = new int [5] [3];

(B) int m2 = new [5] [3];

(C) int m1 = new [15] [15];

(D) int m4 = m4 int [2] [3];

74) If 'str' is the object of string class and its content is "INDIANFLAG", then what is the value of str.length ( ) ?

(A) 11　　　　　　　(B) 8

(C) 10　　　　　　　(D) 9

75) Which constant is used to display year of calendar ?

(A) CAL　　　　　　(B) YEAR CAL

(C) YEAR　　　　　(D) MONTH

76) Which constant is used to display Hour in 12-hour notation ?

(A) 12 HOUR　　　　(B) HOUR 12

(C) Hour_OF_DAY　　(D) HOUR

77) Which constant is used to display Day number in the year ?

(A) DAY_OF_YEAR　　(B) YEAR_DAY

(C) YEAR　　　　　(D) DAY_YEAR

78) In Java, errors can be broadly classified into two categories namely ...... and Run-time errors.

(A) Compile-time error

(B) Compile-syntax error

(C) Syntax-type error

(D) Syntax-time error

79) Vector is used to represent ...... dimensional datga structure.

(A) three　(B) four　(C) one　(D) two

80) What is useful to represent vector, matrix and other multi-dimensional data ?

(A) string　　　　　(B) arrays

(C) char　　　　　　(D) integer

81) In following array, if int mark [ ] = { 70, 90, 20 } is defined, then what will be value of marks [2] ?

(A) 20　　　　　　　(B) error

(C) 70　　　　　　　(D) 90

82) The array variable starts its index value with what ?

(A) null　　　　　　(B) 2

(C) 1　　　　　　　(D) 0

83) Who extablished a "has - a" relationship between class ?

(A) Composition and Aggregation

(B) Methods and Object

(C) Relations and Method

(D) Inheritance and Aggregation

84) Java have a ...... that looks for unused objects and reclaims the memory that those objects are using.

(A) reclaim collector　(B) unused collector

(C) memory collector　(D) garbage collector

85) The word polymorphism means what ?

(A) many forms　　　(B) virtual forms

(C) one form　　　　(D) more prizm

86) Which of the following is syntax of package ?

(A) package {Name} ;

(B) package (Name) ;

(C) package <Package Name> ;

(D) package [Variable name] ;

87) ...... is special kind of method that is invoked when a new object is created.

(A) common class　　(B) super class

(C) composition　　　(D) constructors

88) Which are the four P's used in the four levels of visibility to provide necessary protection ?

(A) process, private, protected, public

(B) public, package, protected, private

(C) public, package, protected, process

(D) private, package, protected, public

89) Highest level of protection can be achieved by using which protection level ?

(A) Private　　　　　(B) Process

(C) Public　　　　　(D) Package

90) If we want to allow other methods to read only the data value ...... method can be used.

(A) setter   (B) updater

(C) reader   (D) getter

91) ...... allows us to build new class with added capabilities by extending existing class ?

(A) Inheritage   (B) Instant

(C) Inheritance   (D) Instance

92) Control structure branches are used to choose among two or more possible courses of action, is called as what ?

(A) More structure   (B) Loop structure

(C) Additive structure   (D) Selective structure

93) Switch statement can be stopped using which statement ?

(A) break   (B) run   (C) loop   (D) error

94) do......while loop is which type of loop ?

(A) loop - controlled   (B) break - controlled

(C) exit - controlled   (D) entry - controlled

95) To use a labelled loop, which symbol is added before the loop ?

(A) *   (B) $ (C) :   (D) #

96) In Java, the text written in /*.....*/ is considered as what ?

(A) Method   (B) Comment

(C) Function   (D) Variable

97) User can create Java source file by using ...... application.

(A) Only SciTE editor

(B) Both ASCII text editor and SciTE editor

(C) ASCII text editor

(D) SciTE editor

98) The definition of the method (function) in Java consists of function header and the sequence of statements enclosed in which bracket ?

(A) { }   (B) < >

(C) ( )   (D) [ ]

99) Java supports how many primitive data types ?

(A) 3   (B) 8   (C) 4   (D) 7

100) Which of the following datatype is used for real numbers ?

(A) short   (B) char

(C) long   (D) double

❖ ❖ ❖

Ans. : (1 – B) (2 – B) (3 – A) (4 – A) (5 – A) (6 – C) (7 – A) (8 – C) (9 – C) (10 – B)

(11 – B) (12 – B) (13 – A) (14 – B) (15 – B) (16 – B) (17 – D) (18 – C) (19 – A) (20 – B)

(21 – B) (22 – D) (23 – D) (24 – D) (25 – A) (26 – B) (27 – D) (28 – B) (29 – C) (30 – A)

(31 – D) (32 – D) (33 – D) (34 – B) (35 – A) (36 – C) (37 – C) (38 – B) (39 – D) (40 – B)

(41 – A) (42 – A) (43 – C) (44 – B) (45 – B) (46 – B) (47 – D) (48 – C) (49 – B) (50 – D)

(51 – D) (52 – B) (53 – A) (54 – A) (55 – B) (56 – C) (57 – B) (58 – A) (59 – A) (60 – A)

(61 – D) (62 – B) (63 – C) (64 – B) (65 – D) (66 – B) (67 – D) (68 – D) (69 – A) (70 – D)

(71 – D) (72 – D) (73 – A) (74 – A) (75 – B) (76 – A) (77 – A) (78 – C) (79 – D) (80 – B)

(81 – D) (82 – A) (83 – A) (84 – B) (85 – A) (86 – C) (87 – D) (88 – B) (89 – A) (90 – D)

(91 – D) (92 – B) (93 – C) (94 – A) (95 – D) (96 – B) (97 – D) (98 – B) (99 – B) (100 – B)

❖ ❖ ❖

1) What is useful when same operations are to be performed on various elements of the similar type in Java ? [CH - 9]
(A) Array
(B) String
(C) If ...... then
(D) While

2) Which of the following softwares are the examples of open source IDE's ? [CH - 1]
(A) KompoZer
(B) Eclipse
(C) JBuilder
(D) All of above

3) Which of the following method sends the data as a block through the HTTP transaction ? [CH - 1]
(A) GET (B) POST (C) FTP (D) HTTPS

4) Which of the following allows specifying styles for the visual elements of the website ? [CH - 2]
(A) Casecading Style Sheets
(B) Web Page
(C) Animation
(D) Form

5) Which of the following option Aptana Studio provides complete web development environment for language support ? [CH - 3]
(A) HTML
(B) CSS
(C) PHP
(D) All of above

6) What sign is used for creating API documentation from the code ? [CH - 7]
(A) //
(B) /*.....*/
(C) /**.....*/
(D) \\

7) By using which method of file output stream classes writes b length bytes from the specified byte array in Java ? [CH - 11]
(A) void write (int b)
(B) void write (byte | | b)
(C) void write (int length)
(D) void write (byte length)

8) Which method of Java class is used if we want to allow other methods to modify the data value ? [CH - 8]
(A) Set or Setter
(B) Get or Getter
(C) Both (A) and (B)
(D) String [ ]

9) In Java which method is used to fill the whole or partial array with specified value ? [CH - 9]
(A) Fill
(B) Sort
(C) Set
(D) Insert value

10) Which of the following is not visibility sign in class-diagram ? [CH - 6]
(A) ~ (B) * (C) # (D) – (Dash)

11) Which of the following is the part of object oriented class diagram ? [CH - 6]
(A) Data Encapsulation(B) Data Abstraction
(C) Polymorphism
(D) All of above

12) In object-oriented methodology, the focus is on which of the following entitles ? [CH - 6]
(A) Data
(B) Functions
(C) Objects
(D) All of above

13) What is called when all browsers are split in to different parts or objects that can be accessed using Java Script ? [CH - 2]
(A) Browser Object Model
(B) Browser Object Menu
(C) Browser Oriented Mdoel
(D) Browser Oriented Menu

14) Which of the following is the famous website for online auction ? [CH - 4]
(A) www.ebay.com
(B) www.mybids.in
(C) www.ubid.com
(D) All of above

15) An inheritance model refers to which of the following relationships ? [CH - 6]
(A) 'is-a' relationship
(B) 'has-a' relationship
(C) 'a-part-of' relationship
(D) All of above

16) What enables to represent and protect data in which the implementation details are hidden ? [CH - 6]
(A) Data Encapsulation
(B) Data Abstraction
(C) Both (A) and (B) (D) Message

17) Which of the following reserved character in LaTeX ? [CH - 12]
(A) % (B) @ (C) ABC (D) 123

18) Which of the following softwares gives permission to make different projects, analyzes all projects data and reates a project portfolio view ?   [CH - 13]

(A) Rational Plan   (B) Barplot

(C) Chart   (D) Grapha

19) In Exceptional handling in Java, which is the syntax of the try block ?   [CH - 10]

(A) try

    {

         // set of statements

    }

(B) try

    [

         / set of statements

    ]

(C) try

    <

         / set of statements

    >

(D) try

    (

         // set of statements

)

20) In M-Commerce, which of the following starting address indicates that site is secured by SSL protocol ?   [CH - 5]

(A) http://   (B) ssl://

(C) https://   (D) https-ssl://

21) Which of the following begins with \begin { name } and ends with \ends { name } in LaTeX ?   [CH - 12]

(A) group   (B) section

(C) environment   (D) preamble

22) Which command is used to quit from R ?   [CH - 13]

(A) quit ( )   (B) a ( )

(C) exit ( )   (D) close ( )

23) Which of the following E-Commerce business model refers to activities between different business partners ?   [CH - 4]

(A) G2B   (B) C2B   (C) B2B   (D) B2C

24) Which of the following is not a limitation of M-Commerce ?   [CH - 5]

(A) Mobile devices have limited computing power, memory and storage capacity.

(B) M-Commerce operates over wireless networks.

(C) High cost of establishing mobile and wireless broadband infrastructure.

(D) Mobile device enables the user to be contacted at virtually any time any where.

25) Which of the following blocks contains the code that is intended to handle exceptions of a particular type that were created in the associated try block in Java Exception handling?   [CH - 10]

(A) finally   (B) start   (C) catch   (D) stop

26) Which of the following refers to a collection of data stored on a non-volatile device in a computer system ?   [CH - 11]

(A) File   (B) Application

(C) Volatile data   (D) Hard-Disk

27) Which aspect in M-Commerce security ensures that the information must not be accidently or maliciously altered or tampered in transit ?   [CH - 5]

(A) Confidentiality   (B) Integrity

(C) Authorization   (D) Non-repudiation

28) In Java, which of the following looping is exist controlled ?   [CH - 7]

(A) For   (B) While

(C) do......while   (D) if....then....else

29) To make a string object which of the following constructers is used to create a string object using 1-D ary argument starting at ary [start] with len number of characters ?   [CH - 9]

(A) String(char ary [ ], int start, int len)

(B) String(int start, int length)

(C) String(int length, int start)

(D) String(char ary [ ], int len)

30) Which menu option is used to add input text field in form field properties dialog box?   [CH - 1]

(A) Format → Form → Form Field

(B) View → Form Field

(C) Insert → Form - Form Field

(D) Table → Form → Field Form

31) Which of the methods of string class returns an array of characters as bytes from invoking string in Java ?   [CH - 9]

(A) int length ( )   (B) byte [ ] get bytes ( )

(C) int bytes [ ]   (D) get bytes [ ]

32) What type of value is returned when we use get method of calendar class with constant DAY_OF_WEEK as an argument in Java? [CH - 9]
(A) int   (B) char   (C) string   (D) boolean

33) Which of the following element allows multi-line text input in HTML KompoZer form? [CH - 1]
(A) Textarea   (B) Multiline
(C) Insert Row   (D) Insert Column

34) How can we separate the product name, price, quantity and amount save as string in variable ? [CH - 3]
(A) : (Colon)   (B) ; (Semi Colon)
(C) , (Comma)   (D) . (Full dot)

35) Which method of scanner class of Java, scans the next token of the input as line ? [CH - 11]
(A) boolean hasNext ( ) (B) int nextInt ( )
(C) float nextfloat ( ) (D) string nextline ( )

36) Which work can be done in file or directory in Java file class ? [CH - 11]
(A) Create   (B) Rename
(C) Delete   (D) All of above

37) Which of the following is a collection of interlinked web pages ? [CH - 3]
(A) Web Page   (B) Form
(C) KompoZer   (D) Website

38) In Java, which of the following is not allowed as first character in valid variable name? [CH - 7]
(A) _ (Underscore) (B) Digit
(C) Letter   (D) $ (Dollar)

39) Which of the following statements indicates the method in Java Script ? [CH - 2]
"document.write("Hello Students")
(A) document   (B) write
(C) Hello Students (D) ("Hello Students")

40) How can you identify this facility in E-Commerce when software vendors (seller) also allow their licensed customers to download the recent update of the software ? [CH - 4]
(A) Information Services
(B) Support Services
(C) Online Services
(D) Online Support Services

41) How is the general syntax of CSS defined ? [CH - 2]
(A) Selector {Property : Value}
(B) Selector [Property : Value]
(C) Selector (Value : Property)
(D) Selector <property : Value>

42) In Java, by using which sign 1-D array is initialized to separate values of data elements in braces { } ? [CH - 9]
(A) . (Full stop)   (B) : (Colon)
(C) ; (Semi colon)   (D) , (Comma)

43) What is another kind of Blue Griffon HTML editor in open source ? [CH - 3]
(A) WYSIWYG   (B) GYWSIY
(C) YSIWYG   (D) IIWYGSYW

44) Which attributes are used to indicate the field specify default value in HTML ? [CH - 1]
(A) type   (B) name
(C) value   (D) all of above

45) In Java class, from the following which key word is used to call the constructor of super class in the constractor of sub class ? [CH - 8]
(A) extends   (B) super
(C) name of the super class
(D) new

46) In Java, which method is invoked automatically with creation of an object ? [CH - 8]
(A) Instance method   (B) Constructor
(C) Class method   (D) All of above

47) By using which option in table properties dialog box a title is given in KompoZer ? [CH - 3]
(A) Table Handling   (B) Caption
(C) Table Name   (D) Create Table Name

48) How does the Constructor differ from general method in Java ? [CH - 8]
(A) Constructor must have the same name as class name.
(B) Constructor does not have return type.
(C) Constructor cannot be invoked explicitly elsewhere in the program.
(D) All of above

49) Which of the command is used from the following to write Sans Serif fonts in LaTex ? [CH - 12]
(A) \ textrm {text}   (B) \ textsf {text}
(C) \ texttt {text}   (D) \ text senserif {text}

50) What is known as when programmes written in Java are compiled into machine language for a computer ? [CH - 7]
(A) Java Visuable Machine
(B) Java Virtual Machine
(C) Java View Modifyer
(D) Java Visuable Modifyer

51) Which of the following is a scripting language that allows adding programming to web pages ? [CH - 2]
(A) Action Script
(B) Java Script
(C) HTML
(D) CSS

52) In commerce, which of the following is the process of buying and selling products by offering the customers to bid the price ? [CH - 4]
(A) Marketing
(B) Auction
(C) Book shop
(D) All of above

53) By which sign is the beginning and the end of encoded text of Data Compression done ? [CH - 13]
(A) (Caret) ^ .... $
(B) $ .... ^ (Caret)
(C) " .... "
(D) / .... /

54) In which part is the online payment through credit card on internet divided ? [CH - 5]
(A) Authorization
(B) Settlement
(C) Both (A) and (B)
(D) Smart Card

55) What is known as post decrement in Java when operator is used after variable name ? [CH - 7]
(A) + +
(B) − −
(C) = =
(D) = <

56) In M-Commerce, who issues the credit card and guarantees the payment to the merchant ? [CH - 5]
(A) Merchant
(B) Issuring bank
(C) Acquiring bank
(D) Customer

57) Which of the following E-Commerce business model refers to online non-commercial communication between the government agencies, organizations and departments with other government agencies, organizations and departmentts ? [CH - 4]
(A) B2B
(B) C2B
(C) G2G
(D) C2C

58) Which stream is used to make text files and programme codes in Java ? [CH - 11]
(A) byte-stream
(B) binery stream
(C) character stream
(D) input stream class

59) Which of the following file name is the home page of the website saved as ? [CH - 1]
(A) first.html
(B) index.html
(C) home.html
(D) main.html

60) What is called the most commonly used network protection barrier between the company's network and the outside world? [CH - 5]
(A) Firewall
(B) Antivirus Software
(C) Digital Certificate
(D) Cryptography

61) Which of the following is a variable that is stored on the user's computer ? [CH - 3]
(A) Real
(B) Integer
(C) Cookie
(D) Temp File

62) By which method of file class in Java returns true if the directory exists, otherwise returns false ? [CH - 11]
(A) boolean exists ( )
(B) boolean isFile ( )
(C) boolean isDirectory ( )
(D) String [ ] list ( )

63) In Java, if 'str' is the object of string class and its content is "Thank God", then what is the value of str. length ( ) ? [CH - 9]
(A) 9
(B) 10
(C) 8
(D) 11

64) Which menu option is used in LaTeX file if the compilation was successful ? [CH - 12]
(A) Tools → Build
(B) Tools → Go
(C) Format → Build
(D) Insert → Build

65) In Java, which statement is true for 'Exceptional Handling' ? [CH - 10]
(A) try
(B) catch
(C) finally
(D) all of above

66) By using which package of LaTeX can we add programming code within the document ? [CH - 12]
(A) easy list
(B) set programming
(C) listings
(D) set space

67) Which tab is used to design (format) the web page in KompoZer ? [CH - 1]
(A) Design
(B) Split
(C) Source
(D) All of above

68) Which of the following statement isn't a disadvantage of CSS ? [CH - 2]
(A) Style cannot be displayed as per the users design.
(B) Some of the style sheet features are not supported by the browser.
(C) Both (A) and (B)
(D) CSS has less code compared to that in HTML.

69) By using which extension file java interpreter byte code executes ? [CH - 7]
(A) .java
(B) .class
(C) .txt
(D) .Html

70) How many levels of visibility are used to protect a method or variable from such references in Java ? [CH - 8]
(A) 1
(B) 2
(C) 3
(D) 4

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(C) boolean isDirectory ( )

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70) How many levels of visibility are used to protect a method or variable from such references in Java ?　[CH - 8]

(A) 1　(B) 2　(C) 3　(D)4

71) In Java, how can be array elements accessed using index for each dimension in ? [CH - 9]

(A) [ ]   (B) ( )   (C) { }   (D) < >

72) From which of the following operators can we access instance variables and instance methods ? [CH - 8]

(A) , (Comma)   (B) . (Full stop)

(C) : (Colon)   (D) ; (Semi colon)

73) In Java class, in which step a new key word is used to create the object by allocating memory? [CH - 8]

(A) Declaration   (B) Instantiation

(C) Initialization   (D) All of above

74) In Java, which statement is used when there are many alternative actions to be taken depending upon the value of a variable or expression ? [CH - 7]

(A) Switch Statement

(B) Nested - if Statement

(C) Control Statement

(D) Repetive Statement

75) What kind of the primitive data types are provided in Java from the following ? [CH - 7]

(A) boolean   (B) double

(C) char   (D) all of above

76) In Java, by which component is the class generally made up of ? [CH - 8]

(A) Attributes   (B) Behaviour

(C) Both (A) and (B)   (D) Variable

77) How many parts are there in LaTeX document ? [CH - 12]

(A) 1   (B) 2   (C) 3   (D) 4

78) Which element is used to create a drop down list or menu in a form in HTML ? [CH - 1]

(A) <select> .... </select>

(B) <option> .... </option>

(C) <pulldown> .... </pulldown>

(D) <body> .... </body>

79) Which menu option is used to insert a horizontal line in KompoZer ? [CH - 3]

(A) Inset → Horizontal Line

(B) Inset → Vertical Line

(C) Format → Horizontal Line

(D) Format → Vertical Line

80) What is the value of float data type in Java ? [CH - 7]

(A) Integer   (B) Real

(C) Charactor   (D) Boolean

81) In Java, what can be controlled by using the method and properties of document object ? [CH - 2]

(A) Web Page   (B) Web Browser

(C) Document   (D) All of these

82) In Java, what will be the result of arithmetic expression –7.5%2 ? [CH - 7]

(A) – 3   (B) – 1.5   (C) 1.5   (D) Error

83) What do you need first to sell an item through an online auction site ? [CH - 4]

(A) Document   (B) Agreement

(C) Register   (D) Database

84) In Java, by using which of the following methods of comparing string returns '>0' integer if invoking string is greater than ? [CH - 9]

(A) boolean equals (string str)

(B) boolean compare to (string str)

(C) int compare to (string str)

(D) int compare to ignore (string str)

85) Which online stores in India is becoming quite popular of E-Commerce from the following ? [CH - 4]

(A) PayTM   (B) Domino

(C) Flipcart   (D) All of these

86) What is called new class in object oriented terminology ? [CH - 6]

(A) sub class   (B) child class

(C) derived class   (D) all of these

87) What can be used to create models of object oriented software to help with design of an application ? [CH - 6]

(A) Unified Modelling Language

(B) Unified Modelling Linux

(C) Unified Manufacturing Linux

(D) Unified Manufacturing Language

88) Which of the following elements is not included in try block in Java ? [CH - 10]

(A) the keyword try

(B) the keyword catch

(C) the curly braces

(D) statements that might cause exceptions

89) What object oriented programme, attributes that describe the object are known ? [CH - 6]

(A) Behaviour   (B) Method

(C) Data-field   (D) State

90) What is called a reusable block of code that performs a particular task ? [CH - 2]

(A) Function   (B) Code

(C) Programming   (D) All of these

91) Which option consists of a property associated with the HTML element and corresponding value in CSS rule ? [CH - 2]

(A) General   (B) Aural

(C) Lists   (D) All of above

92) Which program is used to enter unicode characters into any application ? [CH - 13]

(A) Character Display   (B) Character Insert

(C) Character Map   (D) Character Select

93) How do you identify the variable which is define with in a class, out-side any method with the static key word in Java ? [CH - 8]

(A) Local variables   (B) Instance variable

(C) Class variables   (D) None of above

94) In VLC media player which menu option is used to convert multimedia files from one format to another ? [CH - 13]

(A) Format → Convert / Save

(B) Tools → Convert / Save

(C) Media → Convert / Save

(D) Insert → Save → Convert

95) In Java, which of the advantages of Exception handling in object oriented programming languages ? [CH - 10]

(A) It allows us to maintain normal flow of program.

(B) It allows writing separate error handling code from the normal code.

(C) Assertions can be used to debug the program before depolying it to the clients.

(D) All of these.

96) In Java, array what is the process of making an object used to manage list of items ? [CH - 9]

(A) Declare an array object

(B) Create an array object

(C) Both (A) and (B)

(D) Define Object Method

97) In Java, in how many categories can errors classified ? [CH - 10]

(A) 1   (B) 2

(C) 3   (D) 4

98) Which option is used by check box to keep the option checked when the form loads in web page ? [CH - 1]

(A) Select Initially   (B) Initially Selected

(C) Show Initially   (D) Display Initially

99) In Java, which of the following defines attributes and methods ? [CH - 8]

(A) Class   (B) Object

(C) Instacne   (D) Variable

100) Which Java Script event is exented when element such as a radio button becomes in active ? [CH - 2]

(A) blur ( )   (B) abort ( )

(C) unload ( )   (D) load ( )

Ans. :

(1 – A)	(2 – D)	(3 – B)	(4 – A)	(5 – D)	(6 – C)	(7 – B)	(8 – A)	(9 – A)	(10 – B)
(11 – D)	(12 – C)	(13 – A)	(14 – D)	(15 – A)	(16 – A)	(17 – A)	(18 – A)	(19 – A)	(20 – C)
(21 – C)	(22 – *)	(23 – C)	(24 – D)	(25 – C)	(26 – *)	(27 – B)	(28 – A)	(29 – D)	(30 – C)
(31 – B)	(32 – B)	(33 – A)	(34 – C)	(35 – D)	(36 – D)	(37 – D)	(38 – B)	(39 – B)	(40 – D)
(41 – A)	(42 – D)	(43 – A)	(44 – C)	(45 – A)	(46 – B)	(47 – C)	(48 – D)	(49 – D)	(50 – B)
(51 – B)	(52 – B)	(53 – A)	(54 – C)	(55 – C)	(56 – B)	(57 – C)	(58 – A)	(59 – B)	(60 – A)
(61 – C)	(62 – C)	(63 – A)	(64 – B)	(65 – D)	(66 – A)	(67 – D)	(68 – D)	(69 – B)	(70 – D)
(71 – C)	(72 – B)	(73 – D)	(74 – A)	(75 – D)	(76 – C)	(77 – B)	(78 – A)	(79 – A)	(80 – B)
(81 – C)	(82 – C)	(83 – C)	(84 – C)	(85 – D)	(86 – D)	(87 – A)	(88 – D)	(89 – D)	(90 – A)
(91 – A)	(92 – C)	(93 – C)	(94 – B)	(95 – D)	(96 – C)	(97 – B)	(98 – *)	(99 – A)	(100 – A)

❖ ❖ ❖

NOTE :

* There is error in every option of MCQ No. 22. The correct answer is q( ).

* MCQ No. 26 Volatile storage is temporary; values stored in variables are lost when a computer is shutdown. A Java program that stores a value in a variable uses Random Access Memory (RAM).

* There is error in every option of MCQ No. 98. The correct answer is **Initially Checked**.

1) In object - oriented programming, which of the following property keeps the data safe from unintended actions and inadvertent access by outside objects ?

(A) Messaging (B) Polymorphism

(C) Encapsulation (D) Data abstraction

2) In object-oriented programming, which of the following property enables to represent data in which the implementation details are hidden ?

(A) Composition (B) Aggregation

(C) Data abstraction (D) Messaging

3) Which feature of object - oriented programming allows defining more than one method having same name but different signature in single class ?

(A) Messaging

(B) Method overloading

(C) Aggregation

(D) Encapsulation

4) Polymorphism is achieved using how many types of overloading ?

(A) 6 (B) 3 (C) 4 (D) 2

5) When objects of one class are composed of objects of other class is called what ?

(A) Aggregation (B) Encapsulation

(C) Inheritance (D) Polymorphism

6) Aggregation represents which type of relationship between two classes ?

(A) exclusive (B) non-exclusive

(C) same (D) None of these

7) What is known as the class that is contained in owner class ?

(A) Subject class (B) Part class

(C) aggregated class (D) All of these

8) In object - oriented terminology, sub class or child class or derived class indicates what for inheritance ?

(A) base class (B) existing class

(C) super class (D) new class

9) In class diagram, which of the following symbol is used to represent inheritance ?

(A) Empty diamond symbol

(B) Filled diamond symbol

(C) Arrow symbol

(D) None of the above

10) In inheritance, which type of relationship exists between super class and sub class ?

(A) 'a kind of' (B) exclusive

(C) 'is - like' (D) non - exclusive

11) Which of the following technique is used for reducing the storage requirements of computer files and directory structures ?

(A) cryptography (B) data hiding

(C) data sizing (D) data compression

12) Java uses which of the following file compression format ?

(A) gz (B) uz (C) jar (D) tar

13) Which of the following refers to a file that has an entire directory structure inside it ?

(A) archive (B) archie

(C) archi (D) apache

14) In VLC, which menu option is used to convert multimedia files from one format to another ?

(A) Edit → Convert

(B) Media → Convert/Save

(C) File → Convert format

(D) Media → Insert format

15) Which of the following is a work environment of 'R' software ?

(A) Command line (B) Graphical

(C) Command line and Graphical

(D) None of the above

16) In 'R' software, strings are inclosed in which sign ?

(A) ** (B) $$ (C) /* /* (D) ' ' or " "

17) In 'R' software which of the following syntax is used to get help on a particular function ?

(A) guide (function name)

(B) edit [function name]

(C) help (function name)

(D) ls (function name)

18) In 'R' software which basic function is used to find maximum value from the list ?

(A) big (list)   (B) max (list)

(C) mean (list)   (D) maximum (list)

19) Which rational plan allows links between tasks pertaining to different projects, analyzes all our projects data and creates a project portfolio view ?

(A) Single   (B) Multi

(C) Viewer   (D) None of these

20) Which of the following is not an example of instant messaging services ?

(A) Rediff Bol   (B) Yahoo messenger

(C) Google talk (D) Mytalk

21) In HTML, which of the following is a container used to collect different kinds of inputs from the user ?

(A) Frame and Database both

(B) Frame

(C) Database

(D) Form

22) Which of the following attribute can be used in <Form> element of HTML ?

(A) Get and Post both

(B) Method

(C) Action and Method both

(D) Action

23) In HTML, which of the following attribute of form specifies the HTTP method to be used when sending the data ?

(A) Value   (B) Action

(C) Type   (D) Method

24) Which of the following is an attribute of <Input> tag of HTML form ?

(A) Type   (B) Name

(C) Value   (D) All of these

25) In HTML form, clicking on which of the following button, the values of data entered in the form are cleared and set back to default values ?

(A) Reset   (B) OnSubmit

(C) Submit   (D) OnClick

26) Which of the following is a software application that provides complete facilities to programmer to develop software ?

(A) Internet Development Environment

(B) Internet Development Active

(C) Interface Development Environment

(D) Integrated Development Environment

27) Kompozer software can be downloaded from which of the following website ?

(A) http://www.kompozer.in

(B) https://www.kompozer.org

(C) https://www.kompozer.edu

(D) http://www.kompozer.net

28) What is the fullform of CSS ?

(A) Cascading Standard Sheet

(B) Copy Standard Style

(C) Cascading Style Sheet

(D) Copy Style Sheet

29) In Kompozer, which toolbar is used to create, open and save a file or publish a web page ?

(A) Composition toolbar

(B) Format toolbar 1

(C) Format toolbar 2

(D) None of the above

30) In Kompozer, which of the following tab is available on the left side of the page pane ?

(A) Design   (B) Split

(C) Source   (D) All of these

31) How many viewing modes are there on the edit mode toolbar of Kompozer ?

(A) 6   (B) 3   (C) 4   (D) 2

32) In Kompozer, which menu option is used to open a file that has been opened recently ?

(A) File → Web pages (B) File → Recent pages

(C) File → Page list   (D) File → Form list

33) In Kompozer, which menu option is used to insert a label in form ?

(A) Form → Form field

(B) Format → Label

(C) Form → Define Label

(D) Insert → Label

34) Which of the following is not a section of 'Form field properties' dialog box of Kompozer ?

(A) Field type   (B) Field setting
(C) Form name   (D) None of the these

35) In Kompozer, which menu option is used to create a selection list of form ?

(A) Form → Selection list
(B) Form → Text Area
(C) Form → Option list
(D) Form → List

36) Which of the following statement is not true for CSS ?

(A) A CSS describes the style of the element in the document
(B) CSS describes the information content of the document
(C) Using CSS, we can control font type, margin and element position in our website
(D) None of the above

37) Which of the following is a general syntax of CSS ?

(A) Select <property · value>
(B) Select : {value : property}
(C) Selector (property : value)
(D) Selector {property : value}

38) Which of the following tab is available in CSS stylesheet dialog box of Kompozer ?

(A) Background   (B) Borders
(C) Box   (D) All of these

39) Which of the following option is available in Text tab of CSS stylesheets dialog box of Kompozer ?

(A) Font family   (B) Color
(C) Case   (D) All of these

40) In Kompozer, which button of image option of background tab of CSS stylesheets dialog box is used to insert an image in the background of webpage ?

(A) Format picture   (B) Choose file
(C) Insert picture   (D) Insert file

41) In Kompozer, which tab of CSS stylesheet dialog box is use to view CSS code ?

(A) Box   (B) Text
(C) Background   (D) General

42) Which of the following is not an advantage of CSS ?

(A) Less code compare to the HTML
(B) CSS makes website designing quick and efficient
(C) CSS compatibility varies with different browser ·
(D) The web pages will load faster

43) Which of the following is used in web pages to improve the design and validate the form ?

(A) Text Editor   (B) CSS
(C) JavaScript   (D) HTML

44) Which of the following browser does not support JavaScript ?

(A) Mozilla Firefox   (B) Chrome
(C) Safari   (D) None of the above

45) Using which tag, the JavaScript code is inserted into an HTML page ?

(A) <Java>.....</Java>
(B) <Text>.......</Text>
(C) <Script>.......</Script>
(D) <Style>......</Style>

46) JavaScript block starts and ends with which brackets ?

(A) [ ]   (B) { }   (C) < >   (D) ( )

47) In JavaScript, which keyword is used to define a function ?

(A) Define   (B) Function
(C) Func   (D) Fnc

48) Which of the following is not an example of user defined function of JavaScript ?

(A) addnos ( )   (B) validateForm ( )
(C) validForm ( )   (D) alert ( )

49) In JavaScript, which event occurs when loading of image is cancelled ?

(A) abort   (B) focus
(C) error   (D) upload

50) In JavaScript, which statement is used to stop the function execution and return the specified value ?

(A) reset   (B) back   (C) submit   (D) return

51) In JavaScript which of the following type value can be stored in the variable ?
(A) numbers   (B) string
(C) text   (D) All of these

52) In browser object model, method and properties of which object is used to control the web browser window ?
(A) option   (B) document object
(C) window object   (D) location

53) In JavaScript, isNaN( ) function returns what when the value passed is not a number ?
(A) 10   (B) false   (C) 11   (D) true

54) In Kompozer form, the radio buttons for gender field are grouped by the name 'gender' and gender is an array of two elements, so how this two elements will be declared ?
(A) gender [2] and gender [1]
(B) gender [1] and gender [2]
(C) gender [0] and gender [2]
(D) gender [0] and gender [1]

55) In Java Script, which type of condition in 'if' statement allows program to enter the 'if' statement block and execute the statements under it ?
(A) else   (B) false   (C) fi   (D) true

56) Which of the following helps in promoting the business, selling the products and attracting a large number of customers ?
(A) ASP   (B) webpage
(C) PHP   (D) website

57) In the planning process of website, after deciding what the content and layout of the website can be properly developed ?
(A) Navigation
(B) Audience
(C) Content and Medium
(D) Purpose

58) The website content should be classified into which of the following category ?
(A) Medium
(B) Detailed
(C) General and Detailed
(D) General

59) In Kompozer, which menu is used to insert a table ?
(A) Format   (B) Table
(C) Insert and Table both
(D) Insert

60) In Kompozer, which option of borders and spacing option of table properties dialog box is used to specify gap between cells ?
(A) alignment   (B) padding
(C) spacing   (D) size

61) In Kompozer, which tab of image properties dialog box is used to change the size of image ?
(A) Link   (B) Dimensions
(C) Appearance   (D) Location

62) In Kompozer, which menu - option is used to change the title of web pages ?
(A) Format → Page title and properties
(B) Edit → Page title
(C) View → Page title and properties
(D) Insert → Page title

63) In JavaScript, which function is used to change data into number ?
(A) int( )   (B) value( )
(C) parseFloat( )   (D) isNumber( )

64) Which protocol is use to transfer the web pages from user's computer to the web host ?
(A) FTP   (B) SMTP   (C) POP   (D) HTTPS

65) Which of the following is an open source IDE provides language support for Rails, Python etc as complete web development environment ?
(A) Text editor   (B) Blue Griffon
(C) Amaya   (D) Aptana studio

66) Which website is used to download Blue Griffon easily ?
(A) www.editorbluegriffon.edu
(B) www.bluegriffon.org
(C) www.bluegriffon.in
(D) www.bluegriffoneditor.edu

67) Amaya is developed by which of the following ?
(A) world wide web consortium
(B) world wab company
(C) world wide web
(D) world wide web corporation

68) Which page of the website is the first page that opens when user enters the URL address in the address bar of the browser ?
   (A) Index page   (B) Homepage
   (C) URL page   (D) First page

69) In Kompozer, which option of 'Image properties' dialog box is used to display the text in case the image is not displayed in the browser ?
   (A) Tool tip   (B) Picture text
   (C) Alternate text   (D) Display text

70) Blue Griffon supports which of the following language ?
   (A) English   (B) Dutch
   (C) Chinese   (D) All of these

71) Which of the following is the process of buying and selling products by offering the customers to bid the price ?
   (A) E-marketing   (B) Marketing
   (C) E-selling   (D) Auction

72) Which of the following is not an example of online bookstore website ?
   (A) www.bookshopofindia.com
   (B) www.mybookacc.com
   (C) www.buybooksindia.com
   (D) shopping.indiatimes.com

73) Education institutes provides examination results, online enrolment forms etc through internet is an example of which type of online service ?
   (A) Educational board services
   (B) Support services
   (C) Educational services
   (D) Information services

74) Which of the following factor is playing role for the growth of E - commerce in India ?
   (A) Increase in use of mobiles devices
   (B) Availability of much wider product range
   (C) Lack of time for traditional shopping
   (D) All of above

75) E-commerce provides which of the following benefit to the society ?
   (A) Buy from home, office or any place

   (B) Health care services
   (C) Distance learning and education
   (D) All of above

76) Which of the following website is not an example of E-commerce business model B2C ?
   (A) flipcart.com   (B) fabmart.com
   (C) tradeindia.com   (D) rediff.com

77) Which of the following E-commerce business model refers to E-commerce activities between different business partners ?
   (A) C2B   (B) C2C   (C) B2C   (D) B2B

78) ebay.com, OLX.com and Quikr.com websites are examples of which E-commerce business model ?
   (A) C2B   (B) C2C   (C) B2C   (D) B2B

79) Which of the following is an advantage of E-commerce ?
   (A) Security   (B) Privacy
   (C) Teamwork   (D) All of these

80) On the website of Indian Railways after reservation, e - ticket is sent via which of the following ?
   (A) By fax   (B) By SMS
   (C) By e-mail and By SMS
   (D) By e-mail

81) Software companies provide which type of online services to their customers for any problem in installation, configuration or use ?
   (A) Information services
   (B) Support services
   (C) Payment services
   (D) None of the above

82) Which of the following is not a common feature of traditional commerce ?
   (A) Hiring of sales persons, sales manager and many more
   (B) Reduces the per transaction cost
   (C) No sharing of information with competitors
   (D) Operates within a certain period of time

83) Which of the following is referred as online non commercial communication between the government agencies, organizations and departments with other government agencies,

organizations and departments ?

(A) G2B   (B) G2C

(C) G2G   (D) All of these

84) Which of the following is an example of M-commerce Application ?

(A) Mobile marketing and advertising

(B) Mobile Ticketing

(C) Mobile Entertainment

(D) All of above

85) Which of the following refers to the stock market services offered via mobile devices ?

(A) Mobile Investment (B) M - share

(C) M - Transaction   (D) Mobile brokerage

86) Which of the following is not an example of location based services ?

(A) Tracking services   (B) Navigation

(C) Directory services (D) None of these

87) Major credit card companies use which security system to make online transaction secure ?

(A) SFTP (B) SET   (C) SHTP (D) HTPS

88) Which of the following is known as electronic defacing of an existing website page ?

(A) Malicious code   (B) Denial - of - service

(C) Spoofing   (D) Cyber vandalism

89) Which of the following is the network protection barrier most commonly used between the company's network and the outside world ?

(A) Cryptography   (B) Antivirus

(C) Digital Certificate (D) Firewall

90) Which of the following is an art of protecting the information by transforming it into an unreadable form ?

(A) Hidden text   (B) Decryption

(C) Cryptography   (D) Digital text

91) Which of the following symbol is not used for trademark ?

(A) SM   (B) TM   (C) ®   (D) C

92) What is known as the process of hiding information within other information ?

(A) watermarking   (B) steganography

(C) copyright   (D) cryptography

93) The payment cards can be classified into which of the following type ?

(A) Credit card   (B) Debit card

(C) Smart card   (D) All of these

94) Which of the following entity pay role in online payment ?

(A) Customer care center

(B) Processor

(C) Payment gateway and Processor both

(D) Payment gateway

95) While making payment through which the customer is not required to provide the credit/debit card number ?

(A) Debit card   (B) E - wallet

(C) Charge card   (D) Smart card

96) Which of the following programming language does not support object oriented programming ?

(A) Asp.Net   (B) Java

(C) PHP   (D) C

97) The way of programming can be divided into how many categories ?

(A) 6   (B) 3

(C) 4   (D) 2

98) Which of the following is used to define common feature of similar objects ?

(A) Class   (B) Method

(C) Object   (D) Messaging

99) In Class diagram, a class is represented using which of the following ?

(A) name   (B) behavior

(C) attributes   (D) All of these

100) In UML, visibility can be represented using which of the following symbols ?

(A) +, /, ~ and *

(B) −, #, + and _ (underscore)

(C) −, #, * and $

(D) −, #, + and ~

Answers of Board Question Paper October – 2015

(1 – C) (2 – C) (3 – B) (4 – D) (5 – A) (6 – B) (7 – D) (8 – D) (9 – C) (10 – A)

(11 – D) (12 – C) (13 – A) (14 – B) (15 – C) (16 – D) (17 – C) (18 – B) (19 – B) (20 – D)

(21 – D) (22 – C) (23 – D) (24 – D) (25 – A) (26 – D) (27 – D) (28 – C) (29 – A) (30 – D)

(31 – B) (32 – B) (33 – C) (34 – C) (35 – A) (36 – B) (37 – D) (38 – D) (39 – D) (40 – B)

(41 – D) (42 – C) (43 – C) (44 – D) (45 – C) (46 – B) (47 – B) (48 – D) (49 – A) (50 – D)

(51 – D) (52 – C) (53 – D) (54 – D) (55 – D) (56 – D) (57 – D) (58 – C) (59 – C) (60 – C)

(61 – B) (62 – A) (63 – C) (64 – A) (65 – D) (66 – B) (67 – D) (68 – B) (69 – C) (70 – D)

(71 – D) (72 – B) (73 – D) (74 – D) (75 – D) (76 – C) (77 – D) (78 – B) (79 – C) (80 – C)

(81 – B) (82 – B) (83 – C) (84 – D) (85 – D) (86 – D) (87 – B) (88 – D) (89 – D) (90 – C)

(91 – D) (92 – B) (93 – D) (94 – C) (95 – B) (96 – D) (97 – D) (98 – A) (99 – D) (100 – D)

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