

- 1) In HTML, which element is used to insert various fields like radio button, textbox and checkbox in the form ?
(A) <Select> (B) <Area>
(C) <Input> (D) <Radio button>
- 2) In KompoZer, which menu-option is used to view the different toolbars and status bar ?
(A) View → Show / Hide
(B) Edit → Show / Hide
(C) Insert → Menu
(D) Edit → Display
- 3) In KompoZer, which of the following viewing mode Edit mode toolbar offers the page view as seen in a browser ?
(A) Normal view (B) HTML Tags view
(C) Preview mode (D) Print view
- 4) In KompoZer, which tab of the page pane is used to design the web page ?
(A) Design (B) Source (C) Split (D) View
- 5) In KompoZer, which menu-option is used to create a form ?
(A) Insert → Form → Create Form
(B) Insert → Form → Define Form
(C) Edit → Form
(D) Format → Form → Create Form
- 6) When webpage viewed in the browser, where the page title will be displayed ?
(A) In Title bar (B) In Status bar
(C) In Navigation pane (D) In Menu bar
- 7) In HTML, which of the following attribute of form specifies the HTTP method to be used when sending the data ?
(A) Input (B) Submit (C) Action (D) Method
- 8) Which of the following is a free open source web development IDE ?
(A) HTML (B) KompoZer
(C) SciTE (D) Base
- 9) Which of the following is an HTML element on which style can be applied ?
(A) select (B) declare
(C) selector (D) declaration
- 10) In KompoZer, Cascade button is available on which toolbar ?
(A) Composition toolbar
(B) Format toolbar - 1
(C) Format toolbar - 2
(D) Menu bar
- 11) In the CSS Stylesheets dialog box of KompoZer, a style rule for each element we have added will appear below which of the following headings ?
(A) External Style (B) Internal Stylesheet
(C) New Stylesheet (D) Public Stylesheet
- 12) In CSS Stylesheets dialog box of KompoZer, which tab shows the CSS code which is generated ?
(A) Text (B) Background
(C) General (D) Aural
- 13) In JavaScript, which sign is used as a mark of Separation ?
(A) ; (semicolon) (B) : (colon)
(C) . (full stop) (D) , (comma)
- 14) In JavaScript, which keyword is used to define a function ?
(A) fun (B) FUNC
(C) Func (D) function
- 15) Which of the following is an example of inbuilt JavaScript function ?
(A) hello() (B) validateForm()
(C) alert() (D) myFun()
- 16) Which of the following statement is true for JavaScript variable ?
(i) Variables in JavaScript are case sensitive.
(ii) JavaScript variable can store numbers, strings or text.
(iii) In JavaScript, variables can be declared using VAR keyword.
(A) only (i) and (ii) (B) only (ii) and (iii)
(C) only (i) and (iii) (D) (i), (ii) and (iii)
- 17) In JavaScript, which event occurs when a document or image is loaded ?
(A) click (B) focus
(C) load (D) abort

- 18) In JavaScript, isNaN(123) function returns what ?
 (A) 123 (B) -1 (C) true (D) false
- 19) In Table Properties dialog box of KompoZer, which value of table tab is used to give caption to the Table ?
 (A) Caption (B) Title
 (C) Row Title (D) Column Title
- 20) In KompoZer, which menu-option is used to give a color to the text ?
 (A) Font → Color
 (B) Format → Font Color
 (C) Format → Text Color
 (D) Edit → Font Color
- 21) In KompoZer webpage, which menu-option is used to insert a horizontal line ?
 (A) Insert → Line
 (B) Insert → Horizontal line
 (C) Edit → Horizontal line
 (D) Format → Line
- 22) Which of the following is used to transfer web pages from user computer to the web host ?
 (A) FTP (B) SMTP (C) PPT (D) STTP
- 23) Aptana Studio open source software can be easily downloaded from which of the following website ?
 (A) www.aptana.org (B) www.aptana.edu
 (C) www.aptana.net (D) www.aptana.com
- 24) Which of the following free open source WYSIWYG HTML editor supports languages like English, Dutch, German, Chinese and many more ?
 (A) Aptana Studio (B) Blue Griffon
 (C) Amaya (D) KompoZer
- 25) Which of the following is not an important point of website development planning process ?
 (A) Purpose (B) Audience
 (C) Content (D) Input
- 26) Using which of the following inbuilt JavaScript function data can be converted into number ?
 (A) isNaN() (B) isNumber()
 (C) parseNumber() (D) parseFloat()
- 27) Which of the following is not a popular website for online auction ?
 (A) www.ebay.com
 (B) Shopping.indiatimes.com
 (C) www.mybids.in
 (D) www.onlineauction.com
- 28) In E-commerce, notices and reminders sent to the customer by the companies or banks is an example of which of the following services ?
 (A) Online billing
 (B) Information services
 (C) Support services
 (D) Online banking
- 29) Which of the following is an advantage of E-commerce ?
 (A) Security (B) Privacy
 (C) Initial cost
 (D) Conduct business 24 × 7
- 30) Which of the following E-commerce business model refers to business and organizations that sell products or services to consumers over the Internet using websites ?
 (A) Business to Consumer - (B2C)
 (B) Business to Business - (B2B)
 (C) Consumer to Business - (C2B)
 (D) Government to Business - (G2B)
- 31) commodity.com and tradeindia.com websites are examples of which of the following E-commerce business model ?
 (A) Business to Consumer - (B2C)
 (B) Business to Business - (B2B)
 (C) Consumer to Consumer - (C2C)
 (D) Consumer to Business - (C2B)
- 32) Which of the following website is not an example of customer to customer (C2C) E-commerce business model ?
 (A) eBay.com (B) rediff.com
 (C) OLX.com (D) Quikr.com
- 33) On which of the following website GSWAN is online available ?
 (A) www.gswan.com.in
 (B) www.gswan.org.in
 (C) www.gov.gswan
 (D) www.gswan.gov.in
- 34) Stock market services offered via mobile devices are known as ?
 (A) Mobile Banking (B) M-Banking
 (C) Mobile Brokerage (D) Mobile Transaction

- 35) Which of the following is not an important security aspect of E-commerce / M-commerce security ?
 (A) Confidentiality (B) Integrity
 (C) Authorization (D) Navigation
- 36) Which of the following is a computer program that detects, prevents and takes action to remove the malicious code from the infected system ?
 (A) Digital certificate (B) Cryptography
 (C) Antivirus Software (D) Firewall
- 37) Which of the following is not a symbol of trademark ?
 (A) TM (B) SM (C) © (D) ®
- 38) Which of the following is a digital code inserted into a digital image, audio or video file which can identify the file's copyright information ?
 (A) Image mark (B) Digital mark
 (C) Code mark (D) Water mark
- 39) Which of the following is a new card payment mechanism launched by National Payment Corporation of India (NPCI) ?
 (A) Rupy (B) PayRupy
 (C) Rudeb (D) RuPay
- 40) Which of the following statement is true for object oriented programming language ?
 (i) It uses object as its fundamental building block.
 (ii) Similar objects are classified using a concept of class.
 (iii) Abstraction, encapsulation, polymorphism and inheritance is its basic properties.
 (A) only (i) and (ii) (B) only (ii) and (iii)
 (C) only (i) and (iii) (D) (i), (ii) and (iii)
- 41) Which of the following best suits to Java ?
 (A) A procedural programming language
 (B) An object-oriented programming language
 (C) A query language
 (D) An editor
- 42) Which of the following is not a section of the icon that is used to represent a class in class diagram ?
 (A) Name (B) Attribute
 (C) Behavior (D) Datatype
- 43) In a class diagram, which symbol is used for Public visibility ?
 (A) - (B) # (C) + (D) ~
- 44) Which of the following refers to representation of data in which the implementation details are hidden ?
 (A) Encapsulation (B) Abstraction
 (C) Polymorphism (D) Composition
- 45) Polymorphism is achieved using how many types of overloading ?
 (A) Two (B) Three (C) One (D) Four
- 46) Which of the following represents non-exclusive relationship between two classes ?
 (A) Aggregation (B) Composition
 (C) Inheritance (D) Polymorphism
- 47) In Inheritance, what is called an existing class ?
 (A) sub class (B) super class
 (C) child class (D) derived class
- 48) Which of the following statement is true for Java language ?
 (i) Java language was developed by Sun Microsystem.
 (ii) Java is an object-oriented language.
 (iii) Java is not platform-independent at both the source and binary level.
 (A) only (i) and (ii) (B) only (ii) and (iii)
 (C) only (i) and (iii) (D) (i), (ii) and (iii)
- 49) In Java, float data type takes how many bytes of storage space ?
 (A) 2 bytes (B) 4 bytes
 (C) 8 bytes (D) 16 bytes
- 50) In Java, variable name must begin with which of the following ?
 (A) % (B) digits
 (C) spaces (D) alphabet
- 51) Which of the following statement is right for boolean literals in Java ?
 (i) 0 is treated as false and 1 is treated as true.
 (ii) Literals are to be typed without quotes.
 (iii) For the boolean type, there are two literals, true and false.
 (A) only (i) and (ii) (B) only (ii) and (iii)
 (C) only (i) and (iii) (D) (i), (ii) and (iii)
- 52) Which of the following is not a basic arithmetic operator of Java ?
 (A) + (B) - (C) * (D) \
- 53) Which of the following is not a comparison operator in Java ?
 (A) <= (B) >= (C) = (D) !=

- 54) How many types of control structures are there in Java ?
(A) One (B) Two (C) Three (D) Four
- 55) In the switch statement of Java, the test expression should be of which of the following type ?
(A) float (B) double
(C) byte (D) boolean
- 56) In Java, which of the following loop is a exit-controlled or post-test loop construct ?
(A) for loop (B) while loop
(C) do while loop (D) switch
- 57) After execution of which statement in the loop of Java, all the following statements in a body of the loop are skipped and no further iteration take place ?
(A) continue (B) go
(C) break (D) loop
- 58) In Java, which of the following is not a step of creating an object from a class ?
(A) Declaration (B) Instantiation
(C) Initialization (D) Calculation
- 59) Which operator is used to access instance variable via object in Java ?
(A) : (B) , (C) + (D) .
- 60) In Java, which of the following variables can be accessed without creating an instance of a class ?
(A) Instance (B) Static
(C) Local (D) Private
- 61) In Java, variables defined inside methods or blocks are known as which type of variable ?
(A) Local (B) Instance
(C) Class (D) Public
- 62) In Java, which of the following refers to different methods that have the same name but a different signature ?
(A) Method overloading
(B) Duplicate method
(C) Instance method
(D) Overridden method
- 63) In Java, which method is invoked automatically with creation of an object ?
(A) Instance method (B) Constructor
(C) Class method (D) Local method
- 64) In Java, when no visibility modifier is used, then what is the default visibility ?
(A) Public (B) Package
(C) Protected (D) Private
- 65) In Java, which of the following visibility modifier is used to achieve highest level of protection ?
(A) Public (B) Package
(C) Protected (D) Private
- 66) In Java, if we want to allow data to be modified by others, then which method do we have to write ?
(A) Accessor (B) Mutator
(C) Acceptor (D) Edit
- 67) In Java, which keyword is used to call the constructor of superclass in the constructor of subclass.
(A) Base (B) Sub (C) Super (D) Parent
- 68) In Java, array index value starts from which number ?
(A) 0 (B) 1 (C) -1 (D) 8
- 69) In Java, initial value for 1-D array are separated using which symbol ?
(A) . (full stop) (B) , (comma)
(C) : (colon) (D) - (dash)
- 70) Which of the following is not a correct way to create and initialize an array named marks ?
(A) int marks [] = new int [3];
(B) int [] marks = new int [3];
(C) int marks [] = {0, 10, 20};
(D) int marks [3] = {0, 10, 20};
- 71) sort() and fill() are methods of which of the following Java class ?
(A) java.string
(B) java.util.Arrays
(C) java.io
(D) java.util.io
- 72) In the following statement for declaring two-dimensional array of Java 5 represents what ?
int marks [] [] = new int [5] [3]
(A) number of rows
(B) number of columns
(C) array size
(D) number of bytes

- 73) In Java, which of the following constructor creates a string object same as object specified in argument ?
 (A) String (char ary []) (B) String ()
 (C) String (String literal) (D) String (String strObj)
- 74) In Java, int compareTo (String str) method returns which of the following value if invoking string is greater than str ?
 (A) 0 (B) >0
 (C) <0 (D) Logical value
- 75) Which of the following method of Java, returns an array of characters as bytes from invoking string ?
 (A) string concat() (B) char getByte()
 (C) byte[] getBytes() (D) string to bytes()
- 76) In Java, which of the following method of Date class returns a string representing Date and time of invoking object ?
 (A) Date() (B) String toString()
 (C) Date char() (D) Date Text()
- 77) In Java, which constant of calendar class returns day number within a week ?
 (A) DAY_OF_WEEK (B) DAY_OF_MONTH
 (C) DAY_OF_YEAR (D) DATE
- 78) In Java program, if there is a syntax error, which of the following error we will get ?
 (A) compile-time (B) run-time
 (C) print-time (D) file save-time
- 79) In Java, which exception class is used for condition resulting in an attempt to access a non-existing file ?
 (A) ArrayIndexOutOfBoundsException
 (B) FileNotFoundException
 (C) NullPointerException
 (D) PrinterIOException
- 80) In exception handing of Java, which block contains the code that may give rise to one or more exceptions ?
 (A) throw (B) try (C) catch (D) finally
- 81) In Java exception handling, which block is generally used to clean up at the end of executing a try block ?
 (A) catch (B) finally
 (C) throw (D) new
- 82) In Java exception handling, which of the following block is always executed regardless of whether or not exceptions are thrown during the execution of the associated try block ?
 (A) throw (B) finally
 (C) catch (D) new
- 83) The object that we throw must be of which of the following Java class type ?
 (A) java.lang.throw
 (B) java.lang.catch
 (C) java.lang.throws
 (D) java.lang.Throwable
- 84) In Java, when we write data to stream, what is that stream called ?
 (A) output stream (B) input stream
 (C) data stream (D) line stream
- 85) In Java, text files and program codes are created using which stream ?
 (A) byte stream
 (B) binary stream
 (C) character stream
 (D) boolean stream
- 86) In writer class of Java, which of the following exception occurs when there is a failed I/O operation ?
 (A) FileNotFoundException (B) InputException
 (C) OutputException (D) IOException
- 87) In Java, FileInputStream and FileOutputStream are classes of which package that give us the ability to read and write bytes from and into any files in the disk ?
 (A) java.input (B) java.output
 (C) java.file (D) java.io
- 88) In Java, which method of scanner class scans the next token of the input as line ?
 (A) String next() (B) String nextLine()
 (C) hasNext() (D) char hasNext()
- 89) In Java, scanner class can be used to perform which of the following operations ?
 (A) Accept input from the keyboard
 (B) Write data into file
 (C) Reading password
 (D) Count number of character in file

- 90) LaTeX commands start with which of the following character followed by the command name ?
 (A) \ (backslash) (B) / (slash)
 (C) \$ (dollar) (D) - (dash)
- 91) In LaTeX, which of the following command is inserted at the end of line to insert a break in lines ?
 (A) \ (B) #
 (C) % (D) \\\
- 92) Which of the following is not a reserved character of LaTeX ?
 (A) # (B) o
 (C) \$ (D) %
- 93) A LaTeX document has how many parts ?
 (A) one (B) two
 (C) three (D) four
- 94) Which of the following command structure is used to declare preinstalled packages in the preamble of LaTeX document ?
 (A) \import { package - name }
 (B) \insert { package - name }
 (C) \open { package - name }
 (D) \usepackage { package - name }
- 95) In SciTE editor, which of the following shortcut key is used to compile LaTeX file ?
 (A) F4 (B) F5
 (C) F7 (D) F9
- 96) Which of the following techniques works by identifying repetition in the data and encodes the data in a way that reduces or eliminates such repetition ?
 (A) Data print
 (B) Data hiding
 (C) Data compression
 (D) Data duplicate
- 97) Which of the following refers to a file that has an entire directory structure inside it ?
 (A) apache (B) archie
 (C) archi (D) archive
- 98) Which bar of VLC media player shows, how much of the current track has been played and what is its total duration ?
 (A) Menu bar (B) Tool bar
 (C) Progress bar (D) Status bar
- 99) In 'R' software, which of the following command is used to open online help in a browser ?
 (A) myhelp() (B) cmdhlp()
 (C) command() (D) help.start()
- 100) Which of the following desktop product of Rational plan allows us to manage independent projects that do not have common resources and has no interrelations between different projects ?
 (A) Single (B) Multi
 (C) Viewer (D) Print plan



Answers of Board Question Paper : March - 2018

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

