

Computer (331) (E)

TIME : 2:00 HRS.]

BOARD'S PAPER MARCH : 2018

[TOTAL MARKS : 100

- 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) parseFloat() (D) parseInt()
- 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 handling 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)



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- 1) Which element allows multiline text input in HTML form ?
(A) longtext (B) checkbox
(C) textarea (D) select
- 2) Which menu-option is used to view different tool bars (if not visible) in KompoZer ?
(A) View → Show / Hide
(B) Format → Toolbar
(C) Edit → Show / Hide
(D) Insert → Toolbar
- 3) Which colored outline is seen in form when inserted in KompoZer ?
(A) Green colored
(B) Yellow colored
(C) Light blue colored
(D) Red colored
- 4) To insert input "Text Field" in form of KompoZer which option is selected in field type menu of "Form Field Properties" ?
(A) Submit button (B) Check box
(C) Radio button (D) Text
- 5) Which shortcut key is used to close the Site Manager pane in KompoZer ?
(A) F12 (B) F5
(C) F9 (D) F10
- 6) Which attribute of <form> element takes a filename as value in HTML form ?
(A) method (B) action
(C) reset (D) value
- 7) From the following, which variables defined within a class, outside any method, with the static keyword in Java ?
(A) Instance variable
(B) Local variable
(C) Class variable
(D) All of these
- 8) When no modifier is used, which is the default one having visibility only within a package that contain the class ?
(A) Package (B) Private
(C) Protected (D) Public
- 9) Which level of protection is used to allow the access only to sub class or to share with the method declared as "friend" in Java ?
(A) Package (B) Protected
(C) Public (D) Private
- 10) Accessor method is known as what in Java ?
(A) Mutator (B) Accessor
(C) Setter (D) Getter
- 11) Parent class is referred to a which class in object oriented programming language ?
(A) Extended class (B) Child class
(C) Sub class (D) Base class
- 12) Which type of relationship between composition and aggregation class ?
(A) is not a (B) is a kind of
(C) has-a (D) is-a
- 13) Which of the following is the keyword used to refer a super class constructor in sub class constructor ?
(A) new (B) name of super class
(C) super (D) extends
- 14) From the following which is not a class of java.io package ?
(A) Writer class
(B) Scanner class
(C) Reader class
(D) Character stream class
- 15) Scanner class can be used for performing which of the following operations ?
(A) Accept input from the keyboard
(B) Read from the file
(C) Parse a string separated by delimiter
(D) All of these
- 16) Which is the base class for reading a character stream ?
(A) Byte stream class (B) Writer class
(C) Reader class (D) Scanner class
- 17) From the following which devices is classified into input and output device both ?
(A) Mouse (B) Hard disk
(C) Monitor (D) Keyboard

- 18) What is the full form of PDF ?
 (A) Portable Document Format
 (B) Private Document File
 (C) Process Document Format
 (D) Protocol Document Format
- 19) Which event occurs when document or image is loaded in JavaScript ?
 (A) load (B) blur
 (C) change (D) focus
- 20) Which is the top level object in the Browser Object Model ?
 (A) location (B) history
 (C) document (D) window
- 21) While filling forms on Internet, some fields are marked with a red colour asterisk mark "*". What does it mean ?
 (A) Enter only character in field.
 (B) Enter only number in field.
 (C) It is a compulsory field.
 (D) It is not a compulsory field.
- 22) If the value is not a number then what is return by isNaN() in JavaScript ?
 (A) False (B) True (C) No (D) Yes
- 23) Which of the following symbol signifies the start and end of a JavaScript block ?
 (A) Round bracket (B) Curly bracket
 (C) Square bracket (D) Semicolon
- 24) Which of the following file name is the home page of the website saved as ?
 (A) firstpage.html (B) first.html
 (C) index.html (D) home.html
- 25) To give caption to table if requires, which option is used in Table Properties ?
 (A) Page title (B) Caption
 (C) Title (D) Heading
- 26) All the rules related to tax, different forms and facility for submission of online tax returns services are provided in which type of model ?
 (A) C2C (B) C2B
 (C) B2C (D) G2B
- 27) From the following location based services, which service provides "tracking of assets locating friends in a geographic location, tracking stolen cars" services ?
 (A) Mapping (B) Emergency services
 (C) Tracking services (D) Navigation
- 28) From the following who ensures that the information must not be accidentally or maliciously altered or tempered in transit ?
 (A) Non-repudiation (B) Authorisation
 (C) Integrity (D) Confidentiality
- 29) In which internet security threat, electronic defacing of an existing website page found and an attacker replaces the website's original content with his/her own content ?
 (A) Denial of service attack
 (B) Cyber vandalism
 (C) Spoofing
 (D) Sniffing
- 30) Trademark is designated by which symbol ?
 (A) TD (B) (C) and (D) both
 (C) ® (D) SM
- 31) From the following which bank issues the credit card and guarantees the payment to the merchant ?
 (A) Paypal (B) (C) and (D) both
 (C) Acquiring bank (D) Issuing bank
- 32) Which type of array is used like table of rows and columns ?
 (A) Minor array (B) 2-D array
 (C) 1-D array (D) Primitive array
- 33) int marks [] [] = new int [5] [3];
 How many bytes are used in storage space ?
 (A) 60 (B) 3 (C) 5 (D) 15
- 34) Which constructor creates a string object which is same as object specified in argument ?
 (A) String ()
 (B) String (char ary [])
 (C) String (String strObj)
 (D) string (String literal)
- 35) From the following which method of string class returns a string with all characters of invoking string converted to upper case ?
 (A) int length ()
 (B) byte [] getBytes
 (C) String to Lowercase ()
 (D) String to Uppercase ()
- 36) Data class is in which package in Java ?
 (A) java.io
 (B) java.util
 (C) java.lang
 (D) java.io.class

- 37) What type of value is returned when we use get method of Calendar class with constant DAY_OF_WEEK as an argument ?
 (A) boolean (B) string
 (C) char (D) int
- 38) Which was the one of the first applications of E-commerce on Internet ?
 (A) Internet bookshops
 (B) Online billing
 (C) Online auction
 (D) Electronic newspaper
- 39) From the following which is the example of online auctions ?
 (A) www.bookshopofindia.com
 (B) www.buybooksindia.com
 (C) www.indiatimes.com
 (D) www.mybids.in
- 40) Notices and reminders sent to the customer by the companies or bank is example of which service ?
 (A) Marketing
 (B) Auction
 (C) Information service
 (D) Support service
- 41) From the following, which is not a feature of traditional commerce ?
 (A) Hiring of sales persons, sales manager and many more.
 (B) No sharing of information with competitors.
 (C) E-payment systems are used for receiving payment.
 (D) Operates within certain period of time.
- 42) From the following in which E-commerce model, sellers can sell products directly to consumers and buyers are individual customers ?
 (A) C2B (B) B2C (C) B2B (D) C2C
- 43) From the following which are the examples of B2B model ?
 (A) Commodity.com (B) Quikr.com
 (C) OLX.com (D) eBay.com
- 44) Which block is generally used to clean up at the end of executing a try block ?
 (A) finally (B) catch (C) retry (D) try
- 45) From the following which is the syntax of throw exception object ?
 (A) object_exception;
 (B) exception_object;
 (C) throw exception_object;
 (D) throw object_exception;
- 46) Which method of the scanner class helps in reading integer input from the console ?
 (A) nextInt () (B) readInt ()
 (C) writeInt () (D) None of these
- 47) When some problem occurred while executing the command, what is displayed by "Exit code" ?
 (A) # (B) error (C) 0 (D) 1
- 48) From the following, which file extension is not used for text file ?
 (A) .c (B) .jpeg (C) .java (D) .txt
- 49) Which method of file class is return true if the file or directory is hidden ?
 (A) boolean isHidden ()
 (B) boolean exists ()
 (C) boolean isDirectory ()
 (D) boolean isFile ()
- 50) To keep the 'checkbox' checked, which option is selected when the form load in KompoZer ?
 (A) Initially Checked (B) Selection list
 (C) Initially load (D) By default
- 51) Which menu-option is used to give a background color in form of KompoZer ?
 (A) Edit → Page colors and Background
 (B) Format → Page colors and Background
 (C) View → Page colors and Background
 (D) Insert → Background
- 52) Which part of CSS syntax consists of a property associated with the HTML element used in selector and its corresponding value ?
 (A) Value (B) Property
 (C) Selector (D) Declaration
- 53) From the following, which is a disadvantage in CSS ?
 (A) Set the style for each element only once.
 (B) CSS compatibility varies with different browsers.
 (C) Website designing quick and efficient using CSS.
 (D) CSS has less code compared to that in HTML.

- 54) Which application is used to validate the data entered in the HTML forms on the client side before sending it to the server ?
 (A) KomopZer (B) HTML tag
 (C) JavaScript (D) CSS
- 55) What is the use of semicolon sign in JavaScript ?
 (A) Statement termination
 (B) Statement separation
 (C) Each statement making bold
 (D) None of these
- 56) What kind of alert() function in JavaScript ?
 (A) Modular (B) (C) and (D) both
 (C) Inbuilt function (D) Userdefined
- 57) From the following which is legal name of variable ?
 (A) birth date (B) birth_date
 (C) %discount (D) 4balance
- 58) Which numeric digits are used for Hexadecimal numbers (16 digits) in integer literals in Java ?
 (A) 0 to 8 and A to E
 (B) 0 to 9 and A to F
 (C) 0 to 15
 (D) 0 to 16
- 59) What is the symbol for multi-line comment in Java programme ?
 (A) /* and */ (B) /** and **/
 (C) * and * (D) //
- 60) In Java, what will be the result of arithmetic expression $8\%3$?
 (A) 8 (B) 3
 (C) 4 (D) 2
- 61) Which sign is used for "A not equal to B" in comparison operator of Java ?
 (A) $A \neq B$ (B) $A != B$
 (C) A not equal B (D) $A == B$
- 62) Which step of creating an object from a class initialize the newly created object ?
 (A) New (B) Instantiation
 (C) Declaration (D) Initialization
- 63) In Java, who looks for unused objects and reclaims the memory ?
 (A) Class variable (B) Function
 (C) Polymorphism (D) Garbage collector
- 64) What is the associativity of dot operator which is used to access instance variable ?
 (A) lower to upper (B) upper to lower
 (C) left to right (D) right to left
- 65) `\documentclass [12 pt]{artical};` from this given statement which is an optional argument in LaTeX ?
 (A) 12 pt, artical (B) documentclass
 (C) {artical}; (D) [12 pt]
- 66) Which document class is used for writing individual articles in LaTeX ?
 (A) beamer (B) slides
 (C) article (D) book
- 67) Which package is used to add support for multilevel lists in LaTeX ?
 (A) easylist (B) listing
 (C) amsmath (D) setspace
- 68) Which command can be used to create a section that is not automatically numbered ?
 (A) `\part` (B) `\section *`
 (C) `\counter` (D) `\setcounter *`
- 69) From the following which sign is used as comment in LaTeX ?
 (A) & (B) # (C) % (D) \$
- 70) Which shortcut key is used when compilation is successful ?
 (A) F5 (B) F12 (C) F7 (D) F9
- 71) Inheritance is generally referred to which kind of relationship between two classes ?
 (A) 'not is - a' relationship
 (B) 'a - part - of' relationship
 (C) 'is - like' relationship
 (D) 'is - a' relationship
- 72) Composition model refers to which of the following relationship ?
 (A) Non exclusive (B) Exclusive
 (C) 'a - kind - of' relationship
 (D) None of these
- 73) From the following which mechanism providing protection to data and methods of a program ?
 (A) Aggregation (B) Composition
 (C) Polymorphism (D) Encapsulation
- 74) When the program gets compiled without errors, compiler creates which type of file extension in Java ?
 (A) .class (B) .java (C) .c++ (D) .c

- 75) From the following which is not compiled or interpreted in Java ?
 (A) if statement (B) Function
 (C) Comment (D) Variable
- 76) Which menu-option is used if the program is compiled without any error ?
 (A) Tools → Execute (B) Edit → Go
 (C) Tools → Go (D) Tools → Compile
- 77) In Java, boolean data type hold which logical values ?
 (A) Y, N (B) 0, 1
 (C) True, False (D) Yes, No
- 78) Which zip format is used in Java ?
 (A) ZAR (B) Openoffice.org
 (C) TAR (D) JAR
- 79) To open a play list in VLC player which menu - option is used ?
 (A) View → Open directory
 (B) Media → Open directory
 (C) View → Play list
 (D) Media → Save play list
- 80) Which service provides the facility of finding the nearest ATM centre, bank, bus stop ?
 (A) Hotspot (B) GSP
 (C) GPS (D) Wifi
- 81) Which software is used for Statistical computing ?
 (A) Rational plan (B) Skype
 (C) 'R' software (D) Character map
- 82) From the following which Rational plan allow us to manage independent projects ?
 (A) Multi
 (B) Viewer
 (C) Single
 (D) None of these
- 83) Which option of Image Properties dialog box will display the text in case the image is not displayed in the browser in KompoZer ?
 (A) Alternate text
 (B) Don't use alternet text
 (C) Text
 (D) Tooltip
- 84) Which menu-option is used to change the page title of web page in KompoZer ?
 (A) Format → Page title and Properties
 (B) View → Page title → Properties
 (C) Insert → Page title → Properties
 (D) Edit → Page title → Properties
- 85) Which of the following is a variable that is stored on the users computer ?
 (A) Java
 (B) HTML
 (C) Integer
 (D) Cookie
- 86) From the following, who offers limited free space on the webserver ?
 (A) SSL (B) ISP
 (C) FTP (D) IDE
- 87) What is the full form of FTP ?
 (A) First Tool Process
 (B) File Transfer Property
 (C) File Transfer Protocol
 (D) File Transfer Process
- 88) From the following which are the open source web development tools ?
 (A) Aptana Studio
 (B) BlueGriffon
 (C) Amaya
 (D) All of these
- 89) If 'str' is the object of string class and its content is "I_Like_Computer", then what is the value of str.length() ?
 (A) 15 (B) 19
 (C) 17 (D) 13
- 90) What stands for AM and PM in integer constant of calender class ?
 (A) 0 and 0 (B) 1 and 1
 (C) 1 and 0 (D) 0 and 1
- 91) Which braces is used in 2-D array using comma separated values of data elements ?
 (A) < > (angled bracket)
 (B) (.) (simple bracket)
 (C) { } (curly bracket)
 (D) [] (square bracket)

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| <p>92) Which of the following refer to the starting index value in arrays ?</p> <p>(A) 1
(B) 0
(C) null
(D) All of these</p> <p>93) In Java, all kinds of error conditions are called what ?</p> <p>(A) Error (B) Exception
(C) Abbreviation (D) Anomaly</p> <p>94) Which exception class observed when an attempt to access a non existing file ?</p> <p>(A) NumberFormatException
(B) NullPointerException
(C) ArithmeticException
(D) FileNotFoundException</p> <p>95) Which of the following is a computer program that detects, prevents and takes action to remove the malicious codes like viruses, worms and trojan horses from the infected system ?</p> <p>(A) Antivirus software
(B) Encryption
(C) Cryptography
(D) Digital certificate</p> | <p>96) In which way of programming, the focus is on writing functions or procedures which operate on data ?</p> <p>(A) Object oriented programming
(B) Procedural programming
(C) Query language
(D) All of these</p> <p>97) In object oriented programming, attributes that describe the object are known as what ?</p> <p>(A) Object (B) Data Field
(C) Method (D) Behaviour</p> <p>98) What is in the middle section of class diagram ?</p> <p>(A) Method of class
(B) Attributes or properties of the class
(C) Behaviour or operation of class
(D) Name of the class</p> <p>99) Which sign is used for 'Package' visibility ?</p> <p>(A) ~ (B) + (C) # (D) -</p> <p>100) In which feature, object oriented programming allows defining more than one method having same but different signature in class ?</p> <p>(A) Aggregation
(B) Data abstraction
(C) Function or method overloading
(D) Encapsulation</p> |
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Answers of Board Question Paper : March - 2018

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

