

- 1) In KompoZer, if we want any option of the radio button selected when the form is loaded then, which checkbox should be ticked ?  
 (A) Initially Checked  (B) Initially Selected  
 (C) Read only (D) Advanced edit
- 2) In KompoZer window, which of the following toolbars is available at the bottom right side of the window ?  
 (A) Status bar  
 (B) Site manager  
 (C) Edit mode toolbar  
 (D) Composition toolbar
- 3) Which of the following HTTP methods does not have any restrictions on data length ?  
 (A) Set (B) Put (C) Get  (D) Post
- 4) Which of the following type of <input> element is generally used to select a single item from a given group of items ?  
 (A) Radio (B) Checkbox  
 (C) Text (D) Reset
- 5) In KompoZer, which tab displays the HTML source of the current element ?  
 (A) Design (B) Source  
 (C) Split (D) Preview
- 6) In KompoZer, which one of the following dialog boxes will be opened when we click on From → Text Area option from menu ?  
 (A) Text Area of Form  
 (B) Text Area Properties  
 (C) Form Field Properties  
 (D) Advanced Edit Properties
- 7) Which of the following is a complete Web authoring system which integrates web page development and web file management ?  
 (A) Menu bar (B) HTML  
 (C) KompoZer (D) CSS
- 8) In KompoZer, which of the following menu options is used to open the recently opened file ?  
 (A) File → Open  
 (B) File → Recently Opened Files  
 (C) File → Recent File  
 (D) File → Recent Pages
- 9) In CSS Stylesheets dialog box of KompoZer, which tab is used to keep an image in the background ?  
 (A) Background (B) General  
 (C) Borders (D) Aural
- 10) Which of the following describes the style of the elements in the document and not its content ?  
 (A) CSS (B) HTML  
 (C) JavaScript (D) HTTP Methods
- 11) Which of the following adds interactivity to HTML pages and is inserted directly into the HTML code ?  
 (A) CSS  (B) JavaScript  
 (C) Java (D) Oracle
- 12) In the following statement of JavaScript, what is object name ?  
`'document.write("Hello World");'`  
 (A) document.write() (B) write()  
 (C) document (D) Hello World
- 13) Which object of Browser Object Model (BOM) is created automatically by the browser ?  
 (A) frame (B) form  
 (C) document  (D) window
- 14) In CSS Stylesheets dialog box of KompoZer, which of the following tabs is not available ?  
 (A) General  (B) Style  
 (C) Aural (D) Box

- 15) Which of the following events would occur, when loading of image is cancelled ?  
 (A) Cancel  (B) Abort   
 (C) Change  (D) Blur
- 16) Which of the following is an event handler of submit event ?  
 (A) submit()  (B) submiton()   
 (C) onsubmit()  (D) onclick()
- 17) In JavaScript, which of the following functions returns true if the value is not-a-number and false if the value is a number ?  
 (A) alert()  (B) validateForm()   
 (C) length()  (D) isNaN()
- 18) In CSS Stylesheets dialog box, which button should be clicked, after selecting selector from the drop down menu to create a style rule ?  
 (A) Create style rule  (B) Advanced Edit  
 (C) General  (D) Internal stylesheet
- 19) In Publish Page dialog box of KompoZer, in which field of Website Information, the actual web address or URL of the website should be specified ?  
 (A) Site Name   
 (B) Publishing server   
 (C) User name   
 (D) HTTP address of your homepage
- 20) Which of the following open source IDE is a complete web development environment, which provides language support for HTML, CSS, JavaScript, Ruby, Rails, PHP, Python and many more ?  
 (A) KompoZer  (B) Blue Griffon   
 (C) Aptana Studio  (D) Amaya
- 21) In KompoZer, which of the following menu options is used to give a suitable color to the text ?  
 (A) Format → Change text color   
 (B) Format → Text color  
 (C) Edit → Text color   
 (D) File → Change text color
- 22) In KompoZer, which option of Table tab, of Table Properties dialog box shows the number of rows, columns and height and width of the table ?  
 (A) Size  
 (B) Borders and Spacing   
 (C) Table Alignment   
 (D) Caption
- 23) Which of the following is not an important point to be considered while developing a good website ?  
 (A) Content  (B) Medium   
 (C) Table size  (D) Purpose
- 24) Which of the following is a valuable tool for businesses and other organizations when composed of the right material ?  
 (A) Audience  (B) WYSIWYG tools   
 (C) Image  (D) Website
- 25) In Image Properties dialog box of KompoZer, which tab shows radio button with 'Alternate text' option ?  
 (A) Link  (B) Location   
 (C) Dimensions  (D) Appearance
- 26) Which tab is available in 'Insert Table' dialog box of KompoZer ?  
 (A) Location  (B) Settings   
 (C) Precisely  (D) Table
- 27) In which kind of commerce, the retail merchant with their years of experience create the store design which helps the customer to purchase a product ?  
 (A) E-Commerce   
 (B) M-Commerce   
 (C) L-Commerce   
 (D) Traditional Commerce
- 28) Which of the following websites is not a proper example of online book store ?  
 (A) www.makemytrip.com  
 (B) www.buybooksindia.com   
 (C) www.amazon.com   
 (D) shopping.indiatimes.com

- 29) Which E-Commerce business model enables the consumers to directly deal with each other through online auctions and classified advertisements without involvement of third party ?  
 (A) B2C (B) C2B (C) B2B  (D) C2C
- 30) By using which of the following E-Commerce business models, the sharing of information helps in reducing IT costs, streamline procedures and government offices can be more efficient ?  
 (A) G2B  (B) G2G (C) G2C (D) B2C
- 31) Which one of the following services is not available with online banking ?  
 (A) Deposit money through cheque  
 (B) Obtain statement for any credit or debit  
 (C) Find status of transaction  
 (D) Check account balance any time
- 32) Which of the following is an advantage of E-Commerce ?  
 (A) Resistance to Change  
 (B) Security  
 (C) Privacy  
 (D) Teamwork
- 33) Which of the following E-Commerce business models enables the business to form E-relationship with their suppliers, distributors and other agents ?  
 (A) B2B (B) B2C (C) C2B (D) C2C
- 34) Which of the following is the transformation of plain text into unreadable or cipher text using encryption algorithm ?  
 (A) Digital Certificate  
 (B) Encryption  
 (C) Decryption  
 (D) Digital Watermarking
- 35) Which of the following are data centres, which perform the Credit card transactions and settle funds to the merchant ?  
 (A) Issuing banks (B) Acquiring banks  
 (C) Processors (D) Payment Gateways
- 36) Which of the following is a new card payment mechanism launched by NPCI ?  
 (A) Master Card (B) Visa Card  
 (C) Google pay  (D) Rupey
- 37) What is the full form of CA ?  
 (A) Chief Accountant  
 (B) Certification Authority  
 (C) Channel Authority  
 (D) Certified Accountant
- 38) Which of the following security aspects of M-Commerce ensures that the sender of the message can not deny that he/she has sent the message ?  
 (A) Confidentiality (B) Integrity  
 (C) Non-repudiation (D) Authorization
- 39) Which of the following is not a benefit of M-Commerce ?  
 (A) Provides global reach  
 (B) Conducts business 24 x 7  
 (C) Timely information can reach the user  
 (D) It offers a limited bandwidth
- 40) Which of the following properties should be supported by Object Oriented Programming language ?  
 (A) Abstraction, Encapsulation, Polymorphism, Inheritance  
 (B) Aggregation, Composition, Inheritance, Abstraction  
 (C) Generalization, Abstraction, Inheritance, Polymorphism  
 (D) Abstraction, Composition, Polymorphism, Inheritance
- 41) Which type of Polymorphism is achieved, when same operation is given different meanings depending upon the data type of operands used ?  
 (A) Method overloading  
 (B) Operator overloading  
 (C) Aggregation  
 (D) Composition

- 2) In which of the following, the lifetime of the Part class depends on the existence of the Owner class ?  
 (A) Abstraction (B) Polymorphism  
 (C) Composition (D) Aggregation
- 3) Which of the following describes a group of objects with similar attributes and common behavior ?  
 (A) Variables  
 (B) Objects  
 (C) Procedural programming  
 (D) Class
- 4) In which property of OOP, only the object that "Owns" the data can change its content ?  
 (A) Encapsulation (B) Data Abstraction  
 (C) Messaging (D) Aggregation
- 45) In which section of UML diagram, behavior or methods or operations of a class are available ?  
 (A) Top section  (B) Bottom section  
 (C) Middle section (D) Left section
- 46) Which of the following examples represents multilevel inheritance ?  
 (A) date1 - date2 and n1 - n2  
 (B) Motherboard is a part of computer.  
 (C) Employee is a kind of person and teacher is a employee.  
 (D) Call to a method.
- 47) Which of the following symbols represents 'Package' visibility ?  
 (A) # (B) +  (C) - (D) -
- 48) In Java, which of the following is same as  $q \&\& = p$  ?  
 (A)  $q = qp$  (B)  $q = q - p$   
 (C)  $q = q + p$   (D)  $q = q \&\& p$
- 49) In Java, which logical operator results in complemented result ?  
 (A) NOT (B) AND (C) OR (D) XOR
- 50) In Java, which Escape code represents 'Carriage return' ?  
 (A)  $\backslash n$   (B)  $\backslash r$  (C)  $\backslash t$  (D)  $\backslash f$
- 51) In Java, which of the following is an invalid variable name ?  
 (A) totalAmount  (B) birth Date  
 (C) \$price (D) top5students
- 52) In Java, in switch statement, which of the following statements will be executed, when no match is found ?  
 (A) break  (B) default  
 (C) continue (D) exit
- 53) In Java, what will be the value of variable next, where  $next = (N\%2 == 0) ? (N/2) : (3 * N + 1)$ ; and N is 9 ?  
 (A) 4.5 (B) 9  (C) 28 (D) Error
- 54) In Java, which of the following enables to take one of two alternative courses of action depending on whether the value of a given boolean valued expression is true or false ?  
 (A) Switch statement (B) For loop  
 (C) While loop  (D) If statement
- 55) In Java, which of the following is a correct syntax of do...while loop ?  
 (A) `do {statements} (exp);`  
 (B) `do (exp) {statements} (while);`  
 (C) `do (exp1; exp2; exp3) {statements};`  
 (D) `do (exp) {statement1} while {statement2};`
- 56) In Java, which of the following determines the required memory size, type of values, range of values and type of operations that can be performed ?  
 (A) Variables  (B) Data types  
 (C) Comments (D) Arithmetic operators
- 57) Which of the following commands is used to compile the Java program ?  
 (A) `run <file name>` (B) `execute <file name>`  
 (C) `javac <file name>` (D) `java <file name>`
- 58) In Java, in which steps of object creation, constructor is called to initialize the newly created object ?  
 (A) Declaration (B) Instantiation  
 (C) Initialization (D) Modification

- 59) Which part of Java looks for unused objects and reclaims the memory that those objects are using ?  
 (A) new keyword (B) heap area  
 (C) Constructor  (D) Garbage collector
- 60) In Java, which kind of variables are allocated memory from heap area when an object is created ?  
 (A) Instance variables (B) Local variables  
 (C) Class variables (D) Global variables
- 61) In Java, which of the following returns a reference to an object that represent an instance of the class ?  
 (A) Super  (B) New keyword  
 (C) Extends (D) Class keyword
- 62) In Java, which of the following allows us to build new class with added capabilities by extending existing class ?  
 (A) Accessor method (B) Mutator method  
 (C) Inheritance (D) Constructor
- 63) In Java, which of the following are the construction of classes that incorporate other objects ?  
 (A) Variables and Literals  
 (B) new keyword and class keyword  
 (C) Accessor and Mutator methods  
 (D) Composition and Aggregation
- 64) Use of which protection of Java will become more relevant when we use inheritance concept of Object-oriented programming ?  
 (A) Public (B) Private  
 (C) Protected (D) Package
- 65) In Java, which of the following is a proper syntax to define class ?  
 (A) `<class name>`  
 {  
     <variables>  
     <methods>  
 }
- (B) `<object name>`  
 {  
     <variables>  
 }
- (C) `new <object name>`  
 {  
     <variables>  
     <methods>  
 }
- (D) `class <object name>`  
 {  
     <variables>  
     <methods>  
 }
- 66) In Java, instance variables and instance methods are referred by using which operator ?  
 (A) Dot (.) operator  
 (B) Plus (+) operator  
 (C) Hyphen (-) operator  
 (D) Under score (\_) operator
- 67) In Java, which of the following can not be invoked explicitly elsewhere in the program ?  
 (A) class  
 (B) constructor  
 (C) class variables  
 (D) display() method
- 68) In Java, which constant of calender class will display day number in the year ?  
 (A) DAY\_OF\_YEAR (B) DAY  
 (C) DAY\_OF\_MONTH (D) DAY\_OF\_WEEK
- 69) In Java, which of the following method calls sort elements of array 'list' from list [1] to list[5-1] ?  
 (A) sort(list)  
 (B) java.sort(list)  
 (C) java.util.Arrays.sort(list, 1, 5)  
 (D) java.util.sort(list, 5)
- 70) In Java, which property of 1-D array is used to know size of each row ?  
 (A) size  (B) length (C) sort (D) fill

1) In Java, how many integer values can be stored using following array ?

`int marks[ ][ ] = new int[4][4];`

- (A) 4 (B) 8  (C) 16 (D) 64

2) In Java, which of the following is a proper example of initializing 1 - D array ?

(i) `int marks [3] = {90, 100, 110};`

(ii) `int marks [] = {90, 100, 110};`

(iii) `int [] marks = {90, 100, 110};`

- (A) only (i) (B) (i) and (ii)  
(C) (i) and (iii)  (D) (ii) and (iii)

3) Which of the following methods of string class of Java returns true if invoking string is same as 'str' after ignoring case ?

(A) `boolean equalsIgnoreCase (String str)`

(B) `int compareTo (String str)`

(C) `boolean equals (String str)`

(D) `int length()`

4) In Java, which of the following are useful when same operations are to be performed on various elements of the similar type ?

(A) Operators  (B) Arrays

(C) Files (D) Comments

5) In Java, how many arguments are required to fill partial array ?

- (A) 2 (B) 3  (C) 4 (D) 5

6) Which kind of variables are of basic data types and can store only one value at a time ?

(A) Array variables (B) 1 - D variables

(C) 2 - D variables  (D) Scalar variables

7) In Java which method of a date class returns number of milliseconds since January 1, 1970 GMT ?

(A) `Date(long elapsedTime)`

(B) `long getTime()`

(C) `Date()`

(D) `void setTime (long elapsedTime)`

8) In Java, which of the following is not a proper example of common syntax errors ?

(A) Mismatch of bracket.

(B) Use of undeclared variable.

(C) An attempt to divide any number by 0.

(D) Wrong spelling of identifier or keyword.

79) In Java, which of the following blocks is always executed before the program ends, regardless of whether any exceptions are generated in the try block or not ?

(A) throw statement (B) throws clause

(C) catch block  (D) finally block

80) In Java, which type of object must be there, to create an exception object and throw it explicitly otherwise compile error occurs ?

(A) `java.lang.Throwable`

(B) `java.util.Throwable`

(C) `java.Throwable`

(D) `java.Throwable.Exception`

81) In Java, which of the following can be used in a method declaration or constructor declaration to inform that the code within the constructor or method may throw an Exception ?

(A) catch block (B) finally block

(C) throws clause (D) throw statement

82) Which of the following blocks in Java, contains the code that we want to monitor for exceptions ?

(A) catch block  (B) try block

(C) finally block (D) throws clause

83) In Java, which code indicates that some problem occurred while executing the command ?

(A) Exit code : 0  (B) Exit code : 1

(C) Exit code : -1 (D) Exit code : -2

84) In Java, which method of file writer class writes the lower 16 bits of 'c' to the stream ?

(A) `void write (int c)`

(B) `void write (String c)`

(C) `boolean write (int c)`

(D) `String (write (int c))`

85) In Java, which of the following classes can be used to get the input from the keyboard, when input to be typed in hidden form ?

(A) `java.util.Scanner`

- (B) java.util.Console  
 (C) java.io.Console  
 (D) java.io.FileReader
- 86) In Java, which method of scanner class, scans the next token of the input as Line ?  
 (A) string next()  
 (B) boolean has Next()  
 (C) int next Line()  
 (D) string next Line()
- 87) Which class of Java can be used to access attributes of files like file permissions, length of a file, last modification time ?  
 (A) Writer class  
 (B) File class  
 (C) Scanner class  
 (D) Console class
- 88) In Java, which kind of files contain data that can be read in a text editor because the data has been encoded using a scheme such as ASCII or Unicode ?  
 (A) Text files (B) Binary files  
 (C) Image files (D) Audio files
- 89) In Java, which method of file class returns an array of abstract path names denoting the files in the directory ?  
 (A) String[] list()  
 (B) long length()  
 (C) File[] list Files()  
 (D) string getPath()
- 90) Which of the following symbols is the beginning of LaTeX comment ?  
 (A) /\*  (B) % (C) // (D) #
- 91) Which of the following LaTeX commands provide text in bold letters ?  
 (A) \textb (B) \textbold  
 (C) \textboldface  (D) \textbf
- 92) In LaTeX, which document class is used for generating presentations similar to office suites using the beamer package ?  
 (A) beamer (B) slides  
 (C) letter (D) book
- 93) In LaTeX, which of the following is the very first element in the preamble ?  
 (A) \date  
 (B) \document class {document classname}  
 (C) \author  
 (D) \chapter
- 94) In LaTeX, which character is used to denote a non-breaking space ?  
 (A) % (B) {}  
 (C) ~ (tilde) (D) \\\
- 95) Which command of LaTeX is used to represent mathematical symbol '≠' ?  
 (A) \neq (B) \pm (C) \mp (D) \geq
- 96) Which of the following helps us in creating and using archive files for backup for transfer via an external storage device, for transfer via network etc. ?  
 (A) VLC Media Player (B) Character Map  
 (C) Google Maps  (D) Archive Manager
- 97) Which of the following is the default view of Google Map ?  
 (A) Satellite view  (B) Map view  
 (C) 3-D view (D) Realistic view
- 98) Which of the following programs can be used to enter Unicode characters into any application ?  
 (A) Google map  
 (B) Skype  
 (C) Archive Manager  
 (D) Character Map
- 99) Which of the following is the original file format of Rational plan viewer ?  
 (A) .java  (B) .xrp (C) .class (D) .html
- 100) In VLC Media Player, which menu-option is used to open playlist ?  
 (A) View → Playlist  
 (B) File → Open → Playlist  
 (C) View → Open Playlist  
 (D) File → Open → Media → Playlist

Answers of Board's Exam Question Paper March - 2022

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

