

COMPUTER**BOARD QUESTION PAPER-2****March-2016****Time : 3 Hours]****[Total Marks : 100**

1. In HTML form which tag is used to implement input element ?
(A) <form>...</form> (B) <input>...</input>
(C) <Execute>...</Execute> (D) <type>...</type>
2. Which values are used to specify method attribute of form ?
(A) get and set (B) get and post (C) get and put (D) set and got
3. Generally, in HTML form which input element is used to select multiple items from a given group of items ?
(A) textbox (B) radiobutton (C) checkbox (D) passwordbox
4. What is the full form of IDE ?
(A) Integrated Development Environment (B) International Development Environment
(C) Indian Development Environment (D) Integrated Document Environment
5. Which website is used to download Kompozer free of cost ?
(A) www.kompozer.com (B) www.kompozer.net (C) www.kompozer.co.in (D) All of these
6. Which tool of Kompozer is used to give rapid access to the files on both local machine and remote servers ?
(A) Site Manager (B) Page Manager (C) Document Manager (D) None of the above
7. Which toolbar is used to format text, add bullets, numbering and perform similar formatting operations ?
(A) Composition toolbar (B) Format toolbar (C) Format toolbar2 (D) Both (B) and (C)
8. Which extension is used to save website file made in Kompozer ?
(A) .html (B) .src (C) .C (D) .komp
9. From the following what is used to describe the style of elements in the documents ?
(A) Selector (B) Declaration (C) Cascading stylesheet (D) Animation
10. H1 {Color:green}. In this CSS statement which is selector ?
(A) H1 (B) Color (C) green (D) All of these
11. From the following which is the advantage of CSS ?
(A) To change the style of an element only needs to make modifications in the CSS file.
(B) CSS has less codes compared to that in HTML.
(C) CSS makes web site designing quick and efficient.
(D) All of these
12. Using which language, a webpage no longer remains static, but can include coding that allows interactivity with the user, control the browser and dynamically create content ?
(A) HTML (B) Javascript (C) CSS (D) Animation
13. From the following which tag is inserted to JavaScript code in HTML webpage ?
(A) <style>...</style> (B) <script>...</script> (C) <Js>...</JS> (D) <title>...</title>
14. In JavaScript, which event handler is used to event click ?
(A) byClick() (B) onClick() (C) ofClick() (D) onCllicking()

15. In JavaScript, which method is used to display content in browser ?
 (A) document.write() (B) browser.write() (C) script.write() (D) method.write()
16. Which keyword is used to declare variable in JavaScript ?
 (A) Variable (B) Var (C) Viaria (D) Java Var
17. What is a reusable block of code that performs a particular task in JavaScript ?
 (A) function (B) if statement (C) variable (D) method
18. In JavaScript which object is on the top of the level in browser object model ?
 (A) document (B) window (C) form (D) button
19. From the following which is the purpose of developing website ?
 (A) To provide information to a group of people. (B) To attract new customers.
 (C) To sell the products online. (D) All of these
20. What should be the information of website ?
 (A) incomplete, relevant (B) incomplete, irrelevant (C) complete, relevant (D) complete, irrelevant
21. To insert a table in webpage of Kompozer which menu is used ?
 (A) Format → Table (B) Insert → Table (C) View → Table (D) Modify → Table
22. In Kompozer, which menu-option is used to change the page title of webpages ?
 (A) Format → Page Title and Properties (B) Format → Heading
 (C) Insert → Heading (D) Insert → Heading and Subheading
23. Which is a variable that is stored on the user's computer, that is useful as they provide feature to remember and track preferences, purchases and commissions ?
 (A) Boolean (B) Integer (C) Cookie (D) Float
24. Which process means to transfer the web pages, images and style sheets related to the site, to a webserver from which they may be accessed by the users ?
 (A) Downloading (B) To publish a website (C) Website Processing (D) None of the above
25. From the following which is a powerful open source IDE that provides multiple language support to HTML, CSS, JavaScript, Ruby, Rails, PHP, Python ?
 (A) Amaya (B) Aptana Studio (C) Blue Griffon (D) JavaScript
26. From the following which is free open source WYSIWYG web editor and it was initially started as an HTML/CSS editor ?
 (A) Amaya (B) Aptana Studio (C) Blue Griffon (D) JavaScript
27. Which is a famous online bookstore ?
 (A) www.amazon.com (B) www.ircctc.com (C) tradeindia.com (D) bidstall.com
28. From the following which are the examples of B2C E-commerce business models ?
 (A) fabmart.com (B) flipkart.com (C) amazon.com (D) All of these
29. From the following which is a limitation of E-commerce ?
 (A) Conduct Business 24 × 7 (B) Speed
 (C) No boundaries or Geographical limitations (D) Security
30. Which model refers to E-commerce activities between different business partners ?
 (A) Government to Business (B) Consumer to Consumer
 (C) Business to Business (D) Business to Consumer

31. From the following who represents B2B E-commerce business model ?
(A) www.tradeindia.com (B) www.commodity.com (C) Both (A) and (B) (D) JeetLe.in
32. From the following which E-commerce business model involves reverse question where the consumers determine the prices of the product or services ?
(A) Online auction (B) Register (C) Shop of Books (D) Sales and Marketing
33. Which network developed by the Gujarat Government provides information regarding various government departments, different application forms to be used to citizens ?
(A) GSWAN (B) MSWAN (C) ASWAN (D) RSWAN
34. What refers to buying and selling by mobile phone ?
(A) M-Shop (B) M-Business (C) M-Commerce (D) Phone-Shop
35. Which of the following security aspects of E-commerce/M-commerce ensures that the information must not be accidentally or maliciously altered or tampered in transit ?
(A) Confidentiality (B) Integrity (C) Non-repudiation (D) Authorization
36. From the following which is internet security threat in which there is electronic detaching of an existing web page ?
(A) Malicious code (B) Sniffing (C) Cyber Vandalism (D) Denial of service attack
37. What is an art of transformation of normal text known as "Plain text" into unreadable or secret text known as "Cipher text" ?
(A) Firewall (B) Encryption (C) Decryption (D) Digital certificate
38. Who has developed SSL Protocol which is used for securing web transaction on the internet ?
(A) Firefox (B) Yahoo (C) Netscape (D) Google
39. Who provides the author with a tool to protect his/her original work from being used or taken by others without permission ?
(A) Copyright (B) Trademark (C) Steganography (D) Digital watermarking
40. When did object-oriented programming start ?
(A) 1950 (B) 1960 (C) 1970 (D) 1980
41. From the following what is best suited for Java ?
(A) Procedural programming language (B) Query language
(C) Object-oriented programming language (D) Structure oriented programming language
42. From the following what is a template for multiple objects with similar features ?
(A) Attribute (B) Behaviour (C) Class (D) Method
43. Unified Modelling Language (UML) defined and maintained by whom ?
(A) IMG (B) PMG (C) OMG (D) CMG
44. Which of the following is enabled by data abstraction ?
(A) Data protection
(B) Data hiding
(C) To hide implementation details of method manipulating the data
(D) All of these
45. In object-oriented programming, data and methods that manipulate data are guarded against modification or misuse by other components of program are known as what ?
(A) Data Abstraction (B) Encapsulation (C) Messaging (D) Polymorphism

46. In class diagram, Aggregation is represented using which of the following symbols ?
 (A) Empty diamond symbol (B) Filled diamond symbol
 (C) Empty triangle symbol (D) All of these
47. In object oriented terminology, existing class is also known as which class in inheritance ?
 (A) Super class (B) Parent class (C) Sub class (D) (A) or (B)
48. From the following which is considered as one of the ideal language for distributing executable programs and also general purpose programming languages for developing programs that are easily usable and portable across different platforms ?
 (A) 'C' language (B) Java (C) Visual Basic (D) JavaScript
49. Which extension is used to source file of Java language written in a text editor ?
 (A) .class (B) .html (C) .jpg (D) .java
50. From the following which methods are used to display results ?
 (A) System.out.print() (B) System.out.println() (C) Both (A) and (B) (D) System.print.display()
51. In Java, the program is compiled without any error, which command is used to execute it ?
 (A) Tools → Go (B) Tools → Run (C) Tools → Build (D) Tools → Compile
52. How many primitive data types are there in Java ?
 (A) 5 (B) 6 (C) 7 (D) 8
53. From the following which are the examples of reserved words in Java ?
 (A) class (B) public (C) static (D) All of these
54. A name used for a constant value is known as what in Java ?
 (A) String (B) Array (C) Literal (D) Class
55. Which sign is used to insert single line comment in Java ?
 (A) /* and */ (B) /** and */ (C) // (D) #
56. From the following which is not logical operator in Java ?
 (A) AND (B) OR (C) NOT (D) is equal to
57. From the following which is true syntax of conditional operator ?
 (A) <boolean-expression>=<expression1>=<expression2>
 (B) < boolean-expression>?<expression1>:<expression2>
 (C) <boolean-expression>;<expression1>?<expression2>
 (D) <boolean-expression>=<expression1>:<expression2>
58. In Java, a class is defined using which keyword ?
 (A) Class (B) Public (C) Static (D) Main
59. Which steps are followed to create an object from a class ?
 (A) Declaration (B) Instantiation (C) Initialization (D) All of these
60. In object-oriented programming (OOP) languages what is known for creating an object ?
 (A) Object Instantiation (B) Object creation (C) Object Making (D) None of the above
61. Variables defined inside methods or blocks are known as which type of variable ?
 (A) Local variables (B) Instance variables (C) Class variables (D) Block variables
62. Which word means "many forms": different forms of methods with same name in Java ?
 (A) Inheritance (B) Polymorphism (C) Aggregation (D) Composition

63. In Java, from the following which visibility modifiers are used to protect a method or variable from another class ?
 (A) Public (B) Package (C) Protected and Private (D) All of these
64. In Java class, which operator is used to access instance variable and instance method via object ?
 (A) : (colon) (B) ; (semicolon) (C) . (dot) (D) , (comma)
65. If we want to allow data to be used by others then we write which type of method in Java ?
 (A) getter (B) setter (C) main (D) void
66. In Java, which type of visibility modifiers level of protection is used to allow the access only to subclasses or to share with the methods declared as "friend" ?
 (A) Public (B) Package (C) Protected (D) Private
67. Highest level of protection can be achieved by using which visibility modifiers protection level in Java ?
 (A) Public (B) Package (C) Protected (D) Private
68. What is a variable representing a collection of homogeneous types of elements known in Java ?
 (A) String (B) Array (C) Input (D) Element
69. Which of the following refers to the starting index value in arrays in Java ?
 (A) 3 (B) 2 (C) 1 (D) 0
70. Which type of method is used to sort entire or part of array in Java ?
 (A) sort() (B) fill() (C) show() (D) search()
71. Which syntax is used to declare 1-dimensional array ?
 (A) <datatype> <arrayname> []; (B) <datatype> [] <arrayname>;
 (C) (A) or (B) (D) <arrayname> [] <datatype>;
72. Which property is used with only array name returns the size of its first dimension in Java ?
 (A) 'size' (B) 'width' (C) 'length' (D) 'byte'
73. In Java, String literals, a sequence of characters is enclosed between which sign ?
 (A) ' ' (single quote) (B) " " (double quotes) (C) < > (D) /*...*/
74. In Java, from the following which string methods are provided by string class ?
 (A) To compare strings (B) Combining strings, converting strings
 (C) To find length of string (D) All of these
75. Which string method returns number of characters in invoking string in Java ?
 (A) int length() (B) int byte() (C) int getByte() (D) int getlength()
76. Java library provides Date class in which package ?
 (A) java.lang (B) java.io (C) java.util (D) java.date
77. Which constant defined for month of calendar of calendar class in Java ?
 (A) month (B) MONTH (C) DATE (D) YEAR
78. From the following which is an indication of a problem that occurs during a program's execution, it usually signals an error ?
 (A) Console (B) Exception (C) Scanner (D) Sourcecode
79. Errors can be broadly classified into which types when executing of program in Java ?
 (A) Compile-time errors (B) Run-time errors (C) Both (A) and (B) (D) Linking errors
80. In the field of computer science, which sign indicates that the command executed successfully ?
 (A) Exit Code 1 (B) Exit Code 0 (C) Exit Code-l (D) All of these

81. From the following which block is used to monitor for exceptions in Java ?
 (A) Try block (B) Catch block (C) Finally block (D) All of these
82. From the following which element is not placed in try block ?
 (A) Try keyword (B) Catch keyword
 (C) Curly brackets (D) Give rise to one or more exceptions
83. Which keyword is used to explicitly throw an exception object in Java ?
 (A) Try keyword (B) Catch keyword (C) Throw keyword (D) Finally
84. Storage device of a computer system can be broadly classified into which categories ?
 (A) Volatile storage (B) Non-volatile storage (C) Both (A) and (B) (D) Binary storage
85. From the following which is not binary file extension ?
 (A) .jpeg (B) .mp3 (C) .class (D) .txt
86. Which method of file class returns true value if the file or directory is hidden in Java ?
 (A) boolean isHidden() (B) boolean isFile() (C) long length() (D) boolean exists()
87. When we write data to stream, which type of stream is known in Java ?
 (A) Writer Stream (B) Output Stream (C) Input Stream (D) Reader Stream
88. Character stream is classified into how many classes ?
 (A) 1 (B) 2 (C) 3 (D) 4
89. The data hierarchy occurs in which of the following order from the smallest to largest piece of data ?
 (A) file : character : record : field (B) file : character : field : record
 (C) character : field : file : record (D) character : field : record : file
90. Which text editor is used to create LaTeX document ?
 (A) SciTE (B) gedit (C) Notepad (D) (A) or (B)
91. From the following which are the reserved characters in LaTeX ?
 (A) #, % (B) \$ (C) & (D) All of these
92. Give name of CTAN ?
 (A) Comprehensive Tec Archive Network (B) Compressed Text Network
 (C) Compulsory Test Network (D) Common Test Network
93. Which extension is used in LaTeX file ?
 (A) .lex (B) .tex (C) .tel (D) .let
94. In LaTeX file, if the compilation was successful, which shortcut key is used to view the file in document viewer ?
 (A) F7 (B) F5 (C) F8 (D) F9
95. Which of the following characters is used to mark a comment in LaTeX ?
 (A) \$ (B) # (C) % (D) &
96. For convenience to place a whole directory structure into a single file is called what ?
 (A) Archive file (B) Java file (C) Video file (D) Text file
97. Which menu is used to save playlist in VLC media player ?
 (A) Media → Playlist → Save (B) Media → Save playlist to file
 (C) Media → Save (D) View → Playlist

98. From the following which different type of view can show the information of a place in Google maps ?
 (A) Map view (B) Satellite view (C) Both (A) and (B) (D) None of these
99. Which command is used to quit from 'R' software ?
 (A) q() (B) quit () (C) exit() (D) close()
100. Which services are provided by skype software in computer ?
 (A) Free phone calls (B) Video conferencing (C) Text file transfers (D) All of these

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

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COMPUTER

BOARD QUESTION PAPER-3

March-2017

Time : 3 Hours]

[Total Marks : 100

- What is to be represented on the top section of class diagram, which is a representation of class ?
 (A) Name of the class (B) Attributes or properties of class
 (C) Behaviour of operations or methods of class (D) All of these
- The name used for a constant value is known as what in Java ?
 (A) String (B) Array (C) literal (D) Class
- Inheritance is generally referred as which type of relationship between two classes ?
 (A) Partial relationship (B) Full relationship
 (C) Exclusive relationship (D) 'is-a kind' of relationship
- Rational plan comprises of how many types of desktop products ?
 (A) Two (B) Three (C) One (D) Four
- If we want to make visible to all the classes outside the class, where method or variable is visible to class, which type of access modifier is used ?
 (A) Protected (B) Package (C) Public (D) Private
- What should be the information of website ?
 (A) Incomplete, Relevant (B) Incomplete, Irrelevant (C) Complete, Relevant (D) Complete, Irrelevant
- Which software allows user to make calls over the Internet using computer ?
 (A) Amazon (B) Mcall.com (C) Skype (D) Google Map