

Board Question Paper-3 - March 2015 [331(E)]**Time : 2 Hours]****(General Stream)****[Maximum Marks : 100****Instructions :**

- (1) There are 100 questions in this question paper. All questions are compulsory.
- (2) Select proper option to make the statement correct.
- (3) The OMR sheet is given for answering the questions. The answer of each question is represented by (A) ☐, (B) ☐, (C) ☐, (D) ☐. Darken the circle ☒ of the correct answer with ball-pen.
- (4) Each question carry 1 mark.
- (5) Rough work is to be done on the space provided for this purpose in the Test Booklet only.
- (6) Read the questions carefully before your answer.
- (7) Set No. of Question Paper printed on the upper-most right side of the Question Paper is to be written in the Column Provided in the OMR sheet.

1. Which attributes are used to indicate the field specify default value in HTML '?'
(A) type (B) name (C) value (D) All of above
2. Which element is used to create a drop down list or menu in a form in HTML?
(A) <select> </select> (B) <option> </option>
(C) <pulldown> </pulldown> (D) <body> </body>
3. Which tab is used to design (format) the web page in Kompozer ?
(A) Design (B) Split (C) Source (D) All of above
4. Which menu option is used to add input text field in form field properties dialog box ?
(A) Format → Form → Form Field (B) View → Form Field
(C) Insert → Form → Form Field (D) Table → Form → Field Form
5. Which of the following method sends the data as a block through the HTTP transaction?
(A) GET (B) POST (C) FTP (D) HTTPS
6. Which of the following element allows multi-line text input in HTML Kompozer form?
(A) Textarea (B) Multiline (C) Insert Row (D) Insert Column
7. Which option is used by check box to keep the option checked when the form loads in web page' ?
(A) Select Initially (B) Initially Checked
(C) Show Initially (D) Display Initially
8. Which of the following softwares are the examples of open source IDE's
(A) Kompozer (B) Eclipse (C) JBuilder (D) All of above
9. How is the general syntax of CSS defined ?
(A) Selector {Property : Value} (B) Selector [Property : Value]
(C) Selector (Value : Property) (D) Selector <property : Value>
10. Which option consists of a property associated with the HTML element and corresponding value in CSS rule ?
(A) General (B) Aural (C) Lists (D) All of above

11. Which of the following statements isn't a disadvantage of CSS ?
(A) Style cannot be displayed as per the users design.
(B) Some of the style sheet features are not supported by the browser.
(C) A and B both (D) CSS has less code compared to that in HTML.
12. Which of the following statements indicates the method in Java Script ?
"document.write("Hello Students")
(A) document (B) write (C) Hello Students (D) ("Hello Students")
13. Which Java Script event is exented when element such as a radio button becomes in active ?
(A) blur () (B) abort () (C) unload () (D) load ()
14. What is called a reusable block of code that performs a particular task ?
(A) Function (B) Code (C) Programming (D) All of above
15. What is called when all browsers are split in to different parts or objects that can be accessed using Java Script ?
(A) Browser Object Model (B) Browser Object Menu
(C) Browser Oriented Model (D) Browser Oriented Menu
16. Which of the following is a scripting language that allows adding programming to web pages?
(A) Action Script (B) Java Script (C) HTML (D) CSS
17. In Java, what can be controlled by using the method and properties of document object?
(A) Web Page (B) Web Browser (C) Document (D) All of above
18. Which of the following allows specifying styles for the visual elements of the website?
(A) Cascading Style Sheets (B) Web Page
(C) Animation (D) Form
19. By using which option in table properties dialog box a title is given in kompozer?
(A) Table Handling (B) Caption
(C) Table Name (D) Creat Table Name
20. Which menu option is used to insert a horizontal line in Kompozer ?
(A) Inset → Horizontal Line (B) Inset → Vertical Line
(C) Format → Horizontal Line (D) Format → Vertical Line
21. Which of the following is a variable that is stored on the user's computer ?
(A) Real (B) Integer (C) Cookie (D) Temp File
22. Which of the following option Aptana Studio provides complete web development environment for language support
(A) HTML (B) CSS (C) PHP (D) All of above
23. How can we seperate the product name, price, quantity and amount save as string in variable ?
(A) :(Colon) (B) ;(Semi Colon) (C) ,(Comma) (D) • (full dot)
24. What is another kind of Blue Griffon HTML editor in open source
(A) WYSIWYG (B) GYWSIY (C) YSIWYG (D) IWYGSYW

25. Which of the following is a collection of interlinked web pages ?
(A) Web Page (B) form (C) Kompozer (D) Website
26. Which of the following file name is the home page of the website saved as ?
(A) first.html (B) index.html (C) home.html (D) main.html
27. What do you need first to sell an item through an online auction site ?
(A) Document (B) Agreement (C) Register (D) Database
28. Which of the following E-Commerce business model refers to activities between different business partners ?
(A) G2B (B) C2B (C) B2B (D) B2C
29. 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 departments ?
(A) B2B (B) C2B (C) G2G (D) C2C
30. Which of the following is the famous website for online auction ?
(A) www.ebay.com (B) www.mybids.in
(C) www.ubid.com (D) All of above
31. 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?
(A) Information Services (B) Support Services
(C) Online Services (D) Online Support Services
32. Which online stores in India is becoming quite popular of E-Commerce from the following.
(A) PayTM (B) Domino (C) Flipcart (D) All of above
33. In commerce, which of the following is the process of buying and selling products by offering the customers to bid the price ?
(A) Marketing (B) Auction (C) Book shop (D) All of above
34. Which of the followings is not a limitation of M-Commerce ?
(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.
35. Which aspect in M-Commerce security ensure that the information must not be accidentally or maliciously alerted or tampered in transit?
(A) Confidentiality (B) Integrity (C) Authorization (D) Non-repudiation
36. What is called the most commonly used network protection barrier between the company's network and the outside world ?
(A) Firewall (B) Antivirus Software
(C) Digital Certificate (D) Cryptography
37. In M-Commerce, which of the following starting address indicates that site is secured by SSL protocol ?
(A) http:// (B) ssl:// (C) https:// (D) https-ssl://

38. In which part is the online payment through credit card on internet divided?
(A) Authorization (B) Settlement (C) A and B both (D) Smart Card
39. In M-Commerce, who issues the credit card and guarantees the payment to the merchant?
(A) Merchant (B) Issuing bank (C) Acquiring bank (D) Customer
40. What object-oriented programme, attributes that describe the object are known?
(A) Behaviour (B) Method (C) Data-field (D) State
41. What can be used to create models of object oriented software to help with design of an application?
(A) Unified Modelling Language (B) Unified Modelling Linux
(C) Unified Manufacturing Linux (D) Unified Manufacturing Language
42. What enables to represent and protect data in which the implementation details are hidden?
(A) Data Encapsulation (B) Data abstraction
(C) A and B both (D) Message
43. An inheritance model refers to which of the following relationships?
(A) 'is-a' relationship (B) 'has-a' relationship
(C) 'a-part-of' relationship (D) All of above
44. What is called new class in object oriented terminology?
(A) sub class (B) child class (C) derived class (D) All of above
45. In object-oriented methodology, the focus is on which of the following entities?
(A) Data (B) Functions (C) Objects (D) All of above
46. Which of the following is not visibility sign in class-diagram
(A) ~ (B) (C) # (D) -(Dash)
47. Which of the followings is the part of object oriented class diagram?
(A) Data Encapsulation (B) Data Abstraction
(C) Polymorphism (D) All of above
48. What is known as when programmes written in Java are compiled in to machine language for a computer?
(A) Java Visual Machine (B) Java Virtual Machine
(C) Java View Modifier (D) Java Visual Modifier
49. By using which extension file java interpreter byte code executes?
(A) Java (B) class (C) .txt (D) .Html
50. What sign is used for creating API documentation from the code?
(A) // (B) /*.....*/ /*.....*/
(C) /**.....*/ (D) \\
51. In Java, which of the following is not allowed as first character in valid variable name?
(A) _(underscore) (B) Digit (C) Letter (D) \$ (Dollar)
52. In Java, which statement is used when there are many alternative actions to be taken depending upon the value of a variable or expression?
(A) Switch Statement (B) Nested - if Statement
(C) Control Statement (D) Repetitive Statement

53. In Java, which of the following looping is exist controlled'?
- (A) For (B) While (C) do while (D) if then else
54. What kind of the primitive data types are provided in Java from the followings '?
- (A) boolean (B) double (C) char (D) All of above
55. What is the value of float data type in Java '?
- (A) Integer (B) Real (C) Charactor (D) Boolean
56. What is known as post decrement in Java when operator is used after variable name
- (A) ++ (B) -- (C) == (D) =<
57. In Java what will be the result of arithmetic expression $-7.5\% 2$?
- (A) -3 (B) -1.5 (C) 1.5 (D) Error
58. In Java class, In which step a new key word is used to create the object by allocating memory ?
- (A) Declaration (B) Instantiation (C) Initialization (D) All of above
59. How many levels of visibitely are used to protect a method or variable from such references in Java
- (A) 1 (B) 2 (C) 3 (D) 4
60. In Java, By which component is the class generally made up of ?
- (A) Attributes (B) Behaviour (C) A and B both (D) Variable
61. In Java class, from the followings. which key word is used to call the constructor of super class in the constructor of sub class
- (A) extends (B) super (C) name of the super class (D) new
62. In Java which method is invoked automatically with creation of an object
- (A) Instance method (B) Constructor (C) Class method (D) All of above
63. In Java, which of the following defines attributes and methods ?
- (A) class (B) object (C) Instance (D) Variable
64. Which method of Java class is used if we want to allow other methods to modify the data value ?
- (A) Set or Setter (B) Get or Getter (C) A and B both (D) String []
65. From which of the following operators can we access instance variables and instance methods
- (A) , (Comma) (B) • (Full Stop) (C) :(Colon) (D) ; (Semi Colon)
66. How do you identity the variable which is define with in a class, out-side any method with the static key word in Java ?
- (A) Local Variables (B) Instance Variables (C) Class Variables (D) Nome of three mentioned here
67. How does the Constructor differ from general method in Java ?
- (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

68. What is useful when same operations are to be performed on various elements of the similar type in Java ?
(A) Array (B) String (C) If then (D) while
69. In Java, how can be array elements accessed using index for each dimension in ?
(A) [] (B) () (C) { } (D) < >
70. In Java which method is used to fill the whole or partial array with specified value?
(A) fill (B) sort (C) set (D) Insert Value
71. To make a string object which of the following constructors is used to create a string object using 1-D ary argument starting at ary [start] with len number of characters?
(A) String(char ary [], int start, int len)
(B) String(int start, int length)
(C) String(int length, int start) (D) String(char ary 11, int len)
72. In Java by using which of the following methods of comparing string returns '>0' integer if invoking string is greater than ?
(A) boolean equals (string str) (B) boolean compare to (string str)
(C) int compare to (string str) (D) int compare to ignore (string str)
73. Which of the methods of string class returns an array of characters as bytes from invoking string in Java ?
(A) int length() (B) byte [] get bytes ()
(C) int bytes [] (D) get bytes []
74. In Java, if 'str' is the object of string class and its content is "Thank God", then what is the value of str.length () ?
(A) 9 (B) 10 (C) 8 (D) 11
75. What type of value is returned when we use get method of calendar class with constant DAY_OF_WEEK as an argument in Java ?
(A) int (B) char (C) string (D) boolean
76. In Java array what is the process of making an object used to manage list of items?
(A) Declare an array object (B) Create an array object
(C) A and B both (D) Define Object Method
77. In Java, by using wick sign 1-D array is initialized to separate values of data elements in braces { } ?
(A) • (Full stop) (B) : (Colon) (C) ; (Semi Colon) (D) , (Comma)
78. 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 Exxception handling ?
(A) finally (B) start (C) catch (D) stop
79. Which of the following elements is not included in try block in Java ?
(A) the keyword try (B) the keyword catch
(C) The curly braces (D) statements that might cause Exeptions
80. In Java, which statement is ture for 'Exceptional Handling' ?
(A) try (B) catch (C) finally (D) All of above

81. In Exceptional handling in Java, which is the syntax of the try block ?
- (A) try
 {
 // set of statements
 }
(C) try
 <
 / set of statements
 >
- (B) try
 [
 / set of statements
]
(D) try
 (
 // set of statements
)
82. In Java, in how many categories can errors classified?
- (A) 1 (B) 2 (C) 3 (D) 4
83. In Java, which of the advantages of Exception handling in object oriented programming languages ?
- (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 deploying it to the clients.
(D) All of above
84. Which work can be done in file or directory in Java file class ?
- (A) Create (B) Rename (C) Delete (D) All of above
85. By which method of file class in Java returns true if the directory exists, otherwise returns false ?
- (A) boolean exists() (B) Boolean isFile ()
(C) Boolean isDirectory() (D) String [] list ()
86. Which stream is used to make text files and programme codes in Java ?
- (A) byte-stream (B) binary stream
(C) character stream (D) Input stream class
87. By using which method of file output stream classes writes b length bytes from the specified byte array in Java ?
- (A) void write (int b) (B) void write (byte [] b)
(C) void write (int length) (D) void write (byte length)
88. Which method of scanner class of Java, scans the next token of the input as line?
- (A) boolean hasNext () (B) int nextInt ()
(C) float nextFloat () (D) string nextLine ()
89. Which of the following refers to a collection of data stored on a nonvolatile device in a computer system ?
- (A) File (B) Application (C) Volatile data (D) Hard-Disk
90. How many parts are there in LaTeX document ?
- (A) 1 (B) 2 (C) 3 (D) 4
91. Which of the following begins with \begin (name) and ends with \end {name) in LaTeX ?
- (A) group (B) section (C) environment (D) preamble
92. By using which package of LaTeX can we add programming code with in the document?
- (A) easy list (B) set programming (C) listings (D) set space

93. Which menu option is used in LaTeX file if the compilation was successful?
 (A) Tools → Build (B) Tools → Go (C) Format → Build (D) Insert → Build
94. Which of the command is used from the following to write Sans Serif fonts in LaTeX?
 (A) \textrm {text} (B) \textsf {text}
 (C) \texttt {text} (D) \text senserif {text}
95. Which of the followings reserved character in LaTeX ?
 (A) % (B) @ (C) ABC (D) 123
96. By which sign is the begging and the end of encoded text of Data Compression done ?
 (A) (caret) ^ \$ (B) \$ ^ (caret) (C) “ ” (D) / /
97. In VLC media player which menu option is used to convert multimedia files from one format to another ?
 (A) Format → Convert / Save (B) Tools → Convert / Save
 (C) Media → Convert / Save (D) Insert → Save → Convert
98. Which program is used to enter unicode characters in to any application ?
 (A) Character Display (B) Character Insert
 (C) Character Map (D) Character Select
99. Which of the following softwares gives permission to make different projects, analyzes all projects data and reates a project portfolio view ?
 (A) Rational Plan (B) Barplot (C) Chart (D) Grapha
100. Which command is used to quit from R ?
 (A) q () (B) a () (C) exit() (D) close ()

ANSWERS : MARCH 2015 (General Stream)
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|---------|---------|---------|----------|---------|---------|---------|---------|
| 1. (C) | 2. (A) | 3. (A) | 4. (C) | 5. (B) | 6. (A) | 7. (B) | 8. (D) |
| 9. (A) | 10. (D) | 11. (D) | 12. (B) | 13. (A) | 14. (A) | 15. (A) | 16. (B) |
| 17. (A) | 18. (A) | 19. (B) | 20. (A) | 21. (C) | 22. (D) | 23. (C) | 24. (A) |
| 25. (D) | 26. (B) | 27. (C) | 28. (C) | 29. (C) | 30. (D) | 31. (B) | 32. (D) |
| 33. (B) | 34. (D) | 35. (A) | 36. (A) | 37. (C) | 38. (C) | 39. (B) | 40. (C) |
| 41. (A) | 42. (B) | 43. (A) | 44. (A) | 45. (C) | 46. (B) | 47. (D) | 48. (B) |
| 49. (B) | 50. (C) | 51. (B) | 52. (A) | 53. (C) | 54. (D) | 55. (B) | 56. (B) |
| 57. (B) | 58. (D) | 59. (D) | 60. (C) | 61. (B) | 62. (B) | 63. (A) | 64. (A) |
| 65. (B) | 66. (C) | 67. (D) | 68. (A) | 69. (A) | 70. (A) | 71. (A) | 72. (C) |
| 73. (B) | 74. (A) | 75. (A) | 76. (C) | 77. (D) | 78. (C) | 79. (B) | 80. (B) |
| 81. (A) | 82. (B) | 83. (D) | 84. (D) | 85. (C) | 86. (C) | 87. (B) | 88. (D) |
| 89. (A) | 90. (B) | 91. (C) | 92. (C) | 93. (B) | 94. (B) | 95. (A) | 96. (A) |
| 97. (C) | 98. (C) | 99. (A) | 100. (A) | | | | |



Board Question Paper-4 - March 2016 [331(E)]**Time : 2 Hours]****(General Stream)****[Maximum Marks : 100**

Instructions : The OMR sheet is given for answering the questions. The answer of each question is represented by '○', for example, (A) ○, (B) ○, (C) ○, (D) ○. Darken the circle of the correct answer with ball-pen ink. There are total 100 questions in this question paper. Each question carries 1 mark. All questions are compulsory.

1. Which of the following characters is used to mark a comment in LaTeX?
(A) \$ (B) # (C) % (D) &
2. 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
3. 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 them
4. 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
5. Highest level of protection can be achieved by using which visibility modifiers protection level in Java?
(A) Public (B) Package (C) Protected (D) Private
6. Which process means to transfer the web pages, images and stylesheets 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
7. 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
8. What is a variable representing a collection of homogeneous types of elements known in Java?
(A) String (B) Array (C) Input (D) Element
9. What refers to buying and selling by mobile phone?
(A) M-Shop (B) M-Business (C) M-Commerce (D) Phone-Shop
10. From the following who represents B2B E-commerce business model?
(A) www.tradeindia.com (B) www.commodity.com
(C) (A) and (B) both (D) JeetLe.in
- 11) 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