

This Question Paper contains 20 printed pages.

Sl.No. 1601020

331 (E)
(MARCH, 2020)
(SCIENCE STREAM)
(CLASS - XII)

પ્રશ્ન પેપરનો સેટ નંબર જેની
સામેનું વર્તુળ OMR શીટમાં
ધૂંક કરવાનું રહે છે.
Set No. of Question Paper,
circle against which is to be
darken in OMR sheet.

16

Time : 2 Hours]

[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) O, (B) O, (C) O, (D) O. Darken the circle ● of the correct answer with ball-pen.
- 4) Each question carries 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 website is used to download Blue Griffon HTML editor?
 (A) www.bluegriffon.org
 (B) www.bluegriffon.com
 (C) www.griffon.org
 (D) www.griffon.com

(Space for Rough Work)

- 2) Which of the following is a feature of traditional commerce?

 - (A) Operates within a certain period of time or during business hours
 - (B) Advertising of the product is done electronically
 - (C) E-payments systems are used for receiving payment
 - (D) Customer can browse through products and offers

3) Which of the following is a disadvantage of E-commerce?

 - (A) Privacy
 - (B) Improved Customer Service
 - (C) Speed
 - (D) Conduct business 24x7

4) Which of the following is a feature of E-commerce?

 - (A) Operates within a certain period of time or during business hours
 - (B) No sharing of information with competitors
 - (C) Location renting or purchasing
 - (D) Advertising of the product is done electronically

5) Which of the following is a popular website for online auction?

 - (A) www.gseb.org
 - (B) www.flipkart.com
 - (C) www.ebay.com
 - (D) www.axisbank.com

6) Which of the following statement is true for services provided by Online Banking?

 - (i) Customer can check account balance at any time
 - (ii) Customer can deposit cash using online banking
 - (iii) Customer can transfer the money from one account to another
 - (A) only (ii) and (iii)
 - (B) only (i) and (iii)
 - (C) only (i) and (ii)
 - (D) (i), (ii) and (iii)

(Space for Rough Work)

- 7) Which E-commerce business model refers to business and organisations that sells products or services to customers over the internet using websites?
- (A) Business to Consumer (B2C) (B) Business to Business (B2B)
(C) Customer to Customer (C2C) (D) Government to Business (G2B)
- 8) Which of the following is an example of Business to Business (B2B) model website?
- (A) www.commodity.com (B) www.tradeindia.com
(C) (A) and (B) both (D) None of the above
- 9) Which of the following refers to buying and selling of goods or services through the use of internet enabled wireless devices?
- (A) Internet (B) M-Commerce
(C) M-Banking (D) www
- 10) Which of the following is the transformation of encrypted text back into normal text?
- (A) Firewall (B) Digital Certificate
(C) Decryption (D) Virus
- 11) Which of the following is the symbol for trademark?
- (A) TM, MT and © (B) TM, MS and ®
(C) TM, SM and ® (D) TM, SM and ©

(Space for Rough Work)

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- 31) Which of the following statement is used to transfer the control outside 'Switch' or 'Loop' construct?
- (A) continue (B) else
 (C) end (D) break
- 32) Which of the following variable name is not valid in Java?
- (A) _marks (B) 4subject
 (C) total_marks (D) \$age
- 33) Which of the following defines attributes and methods?
- (A) class (B) object
 (C) instance (D) variable
- 34) Which keyword is used in Java to define a class?
- (A) DEFINE (B) define
 (C) class (D) Define
- 35) Which step(s) are required to create an object from the class?
- (A) Declaration (B) Instantiation
 (C) Initialization (D) All of the above
- 36) Which keyword is used to create an object by allocating memory?
- (A) memory (B) new
 (C) allocate (D) variable

(Space for Rough Work)

- 37) By which of the following operator, instance variables and instance methods are accessed via objects?
- (A) ; operator (B) . operator
 (C) * operator (D) % operator
- 38) Which of the following statement is used to declare class variable totWindows in class with instance variables?
- (A) static int totWindows; (B) Static Int totWindows;
 (C) STATIC totWindows; (D) Int totWindows;
- 39) Which variables are not initialized by default values in Java?
- (A) Instance variables (B) Class variables
 (C) Local variables (D) All of the above
- 40) In Java, which is a special kind of method that is invoked when new object is created?
- (A) Modifiers (B) Polymorphism
 (C) Class (D) Constructor
- 41) Which access modifier in Java provides visibility to classes defined in other package also?
- (A) Private (B) Public
 (C) Protected (D) All of the above
- 42) Which of the following keyword is used to refer a superclass constructor in subclass constructor?
- (A) extends (B) super
 (C) name of the superclass (D) new

(Space for Rough Work)

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- 55) Which of the following is an advantage of using a try ... catch block?
- (A) Exceptional events are eliminated
 - (B) Exceptional events are reduced
 - (C) Exceptional events are integrated with regular events
 - (D) Exceptional events are isolated from regular events
- 56) Which exit code in SciTE editor indicates that the command execution is successful?
- (A) 0
 - (B) 1
 - (C) -1
 - (D) 10
- 57) Which clause signifies that there is no catch block within the method that can handle the exception?
- (A) throws
 - (B) if
 - (C) loop
 - (D) array
- 58) Which class in Java is used to accept input from the Keyboard?
- (A) java.keyboard
 - (B) java.util.Input
 - (C) java.SCANNER
 - (D) java.util.Scanner
- 59) In which of the following storage type, values are stored in variables are lost when a computer is shutdown?
- (A) Volatile Storage
 - (B) Non-Volatile Storage
 - (C) Both (A) and (B)
 - (D) None of the above
- 60) How many methods are available in Java for a file class that can be used to perform various operations on a file?
- (A) 3
 - (B) 120
 - (C) 8
 - (D) 30

(Space for Rough Work)

61) In Linux, “passwd” file present in which directory stores the information

(Space for Rough Work)

67) Which of the following commands generate the set union symbol?

- (A) \cup
- (B) \setunion
- (C) \cap
- (D) \union

68) Which command is used to view the generated pdf file at the command prompt?

- (A) show pdffilename
- (B) view pdffilename
- (C) evince pdffilename
- (D) all of the above

69) Which menu-option is used in SciTE editor to view the file in the default document viewer?

- (A) File → Go
- (B) Insert → Output
- (C) Tools → Go
- (D) Tools → Output

70) What is an optional argument in the following LaTeX command?

\document class [12pt] {article};

- (A) article
- (B) 12pt
- (C) document class
- (D) all of the above

71) What is the full form of tar?

- (A) tape archiver
- (B) tech archiver
- (C) test archiver
- (D) tight archiver

72) Which of the following is a feature-rich media player?

- (A) VAC
- (B) VEC
- (C) VLC
- (D) VNC

(Space for Rough Work)

- 73) Which of the following are different variants of Rational Plan?
- (A) Single, Multi, Viewer (B) Singular, Multiple
 (C) View, Preview (D) Server, Client
- 74) Which software allows us to make calls over the internet using our computer?
- (A) Rational Plan (B) 'R' software
 (C) Skype (D) LaTeX
- 75) Which R command is used for accessing the online help?
- (A) onlinehelp () (B) linehelp ()
 (C) help () (D) helpdemo ()
- 76) Which of the following is the tag used to implement form element in HTML?
- (A) <form>....</form> (B) <form>....<form>
 (C) </form>....</form> (D) <frm>....</frm>
- 77) Which of the following method sends the data as a block through the HTTP transaction?
- (A) GET (B) SET
 (C) PUT (D) POST
- 78) Which of the following element allows multi-line text input in HTML?
- (A) textarea (B) input
 (C) select and option (D) form

(Space for Rough Work)

- 79) Which of the following is a free open source web development IDE?
(A) HTML
(C) Scite
 (B) Kompozer
(D) Base
- 80) In Kompozer, which of the following menu-option is used to view different toolbars and statusbar?
(A) Tools → Show/Hide
 (C) View → Show/Hide
(B) Edit → Show
(D) Insert → Show
- 81) Which keyboard shortcut is used to close the site manager pane in Kompozer?
(A) F1
(C) F2
 (B) F9
(D) F10
- 82) In Kompozer, which of the following menu-option is used to insert label?
(A) Tools → Define label
 (C) Insert → Form → Define Label
(B) Edit → Form → Define Label
(D) File → Define Label
- 83) Which of the following menu-option is used to create selection list option in Kompozer?
(A) Edit → Selection List
(C) Insert → List
 (B) File → Selection List
 (D) Form → Selection List
- 84) Which of the following allows specifying styles for the visual elements of the website?
 (A) Cascading Style Sheets
(C) Form
(B) Webpage
(D) Animation

(Space for Rough Work)

- 85) Which of the following are two main parts of CSS rule?
- (A) Selector, declaration
 (B) Select, declaration
 (C) Selector, declare
 (D) Selection, declaration
- 86) Which of the following symbol signifies the start and end of a JavaScript block?
- (A) semicolon
 (B) square bracket
 (C) curly bracket
 (D) round bracket
- 87) Which of the following is a container for storing data in JavaScript?
- (A) Variable
 (B) Integer
 (C) Event
 (D) Event handler
- 88) In Kompozer, which tabs are available on the right side of CSS Style Sheets dialog box?
- (A) General, Text
 (B) Background, Box
 (C) Borders, Lists
 (D) All of the above
- 89) Which of the following toolbar contains CSS button in Kompozer?
- (A) Menu bar
 (B) Format Toolbar - 1
 (C) Composition Toolbar
 (D) Format Toolbar - 2
- 90) Which of the following company has developed JavaScript scripting language?
- (A) Microsoft
 (B) Sun Microsystem
 (C) Oracle
 (D) Netscape

(Space for Rough Work)

- 91) Which built-in function takes the text and displays it in an alert box in JavaScript?
(A) display ()
(C) message ()
(B) alert ()
(D) submit ()

92) In JavaScript, which event occurs when user leaves a page?
(A) focus
(C) abort
(B) unload
(D) blur

93) Which of the following is the most important object in the browser object model?
(A) document
(B) history
(C) location
(D) link

94) Which of the following helps in promoting the business, selling the products and attracting a large number of customers?
(A) Website
(B) Webpage
(C) Form
(D) CSS

95) Which of the following information should a website contain?
(A) Complete, Relevant
(B) Complete, Irrelevant
(C) Incomplete, Irrelevant
(D) Incomplete, Relevant

96) Which of the following is the first page that opens when the user enters the URL address in the address bar of the browser?
(A) Home page
(B) Last page
(C) Web page
(D) First page

(Space for Rough Work)

- 97) Which menu-option is used to change color of the text in Kompozer?
- (A) Insert → Color (B) Tools → Change Color
(C) View → Color (D) Format → Text Color
- 98) Which menu-option is used to create link in Kompozer?
- (A) File → Link (B) Edit → Link
(C) Tools → Hyperlink (D) Insert → Link
- 99) Using which of the following inbuilt JavaScript function data can be converted into number?
- (A) isnumber () (B) parseFloat ()
(C) parseNumber () (D) convertNumber ()
- 100) Which of the following languages are supported by Aptana studio IDE?
- (A) HTML, CSS (B) Ruby, Rails
(C) PHP, Python (D) All of the above

