

331 (E)
(JULY 2022)
(SCIENCE STREAM)
(CLASS - XII)

દાનાં પત્રાં OMR રાખના
ઘણું કરવાનું રહે છે.
Set No. of Question Paper,
circle against which is to be
darker in OMR sheet.

02

[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 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 of the following is a special kind of method that is invoked when a new object is created?
(A) Console
 (B) Constructor
(C) Conductors
(D) Consumer

(Space for Rough Work)

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(Space for Rough Work)

- 25) Which of the following class provides a method for reading password?
- (A) Console class (B) Scanner class
 (C) Input class (D) Keyboard class
- 26) Which of the following package contain a collection of stream classes that supports reading and writing in a file?
- (A) Java.wr (B) Java.re
 (C) Java.io (D) Java.Rw
- 27) Which of the following is the file extension of LaTeX file?
- (A) .txt (B) .lat
 (C) .tex (D) .ter
- 28) LaTeX command starts with which of the following symbol or character?
- (A) # (hash) (B) / (frontslash)
 (C) \ (backslash) (D) * (star)
- 29) Which of the following symbol is used for comment in LaTeX?
- (A) # (hash) (B) * (star)
 (C) / (frontslash) (D) % (percentage)
- 30) LaTeX divides font families into how many categories?
- (A) 3 (B) 4
 (C) 2 (D) 5
- 31) Which of the following command is used for line break in LaTeX?
- (A) # * (hash star) (B) // (two frontslash)
 (C) \\(two backslash) (D) * # (star hash)

(Space for Rough Work)

- 32) Which of the following commands generate the set union symbol in LaTeX?
 (A) \cap
 (C) \cup
 (B) \set union
 (D) \union
- 33) Which of the following is one such software that allows us to make call over the internet using our computer?
 (A) Rational plan
 (C) Skype
 (B) Hype
 (D) R software
- 34) Which of the following is not a part of Rational plan?
 (A) Double
 (C) Single
 (B) Multi
 (D) Viewer
- 35) Which of the following is a free software environment for Statistical Computing?
 (A) K- Software
 (C) M- Software
 (B) Sta Software
 (D) R- Software
- 36) Which of the following command is used to quit from R?
 (A) exit ()
 (C) quit ()
 (B) close ()
 (D) q ()
- 37) Which technology gives our locations with accuracy?
 (A) GRPS
 (C) GRS
 (B) GPRS
 (D) GPS
- 38) Which of the following attribute is used to specify where to send the form data when the form is submitted?
 (A) action
 (C) send
 (B) active
 (D) take

(Space for Rough Work)

- 39) Which of the following type of file is created in KompoZer?
(A) .frm
(C) .html
(B) .tex
(D) .java

40) Which of the following element allows multi-line text input?
 (A) Textarea
(C) Textword
(B) Textline
(D) Areatext

41) Which of the following is a software application that provides complete facilities to programmer to develop software?
(A) ICE
(C) IEC
(B) IAB
(D) IDE

42) Which of the following is the function key to close site manager pane in KompoZer?
 (A) F7
(C) F9
(B) F8
(D) F5

43) Which of the following colour marker in HTML tag view helps to indicate the start tag for all elements?
(A) Green
(C) Red
(B) Yellow
(D) Blue

44) In KompoZer, 'SAVE' button comes on which of the following toolbar?
 (A) Composition Toolbar
(C) Format Toolbar 1
(B) Format Toolbar 2
(D) Status bar

(Space for Rough Work)

- 45) Which of the following tab is not shown in the left side of the page pane in KompoZer?
 (A) Splitter
 (C) Design
 (B) Split
 (D) Source
- 46) How many tabs are available in CSS dialog box?
 (A) 8
 (C) 4
 (B) 5
 (D) 7
- 47) Which of the following is the syntax of CSS?
 (A) Select {Declare : Property}
 (B) Selector {Value : Value}
 (C) Selector {Property : Value}
 (D) Selector {Value : Property}
- 48) Which of the following tab is available in CSS dialog box?
 (A) Cup
 (C) Box
 (B) Plate
 (D) Triangle
- 49) Which of the following is an example of web browser?
 (A) Rafel
 (C) Ferrari
 (B) Safari
 (D) Filer
- 50) Which of the following is a method in the given example of JavaScript statement?
`document.write ("Booster Dose");`
 (A) Booster Dose
 (C) document
 (B) write
 (D) semicolon

(Space for Rough Work)

- 51) Which of the following has developed JavaScript?

(A) Netscape (B) Nethope
(C) Netlogy (D) Netware

52) JavaScript is placed under which section of an HTML?

(A) <JavaScript> (B) <BROWSE>
(C) <HEAD> (D) <LINKS>

53) Which of the following is the top level object in the browser object model?

(A) page (B) document
(C) window (D) location

54) Which of the following is a reusable block of code that perform a particular task?

(A) Program (B) Code
(C) Array (D) Function

55) Which of the following is an example of event?

(A) locus (B) rocus
(C) focus (D) cover

56) Which of the following is a collection of interlinked web pages for a specific purpose?

(A) webstar (B) website
(C) image (D) drive

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63) Which of the following is a variable that is stored on the user's computer?

- (A) Cookie
- (B) HTML
- (C) Integer
- (D) Java

64) Which of the following can also defined as buying and selling of products, services and information using electronic media like internet?

- (A) C-Commerce
- (B) Traditional Commerce
- (C) E-Commerce
- (D) Urgent Commerce

65) Which of the following E-Commerce business model is a part of E-Governance initiative?

- (A) C 2 C
- (B) G 2 B
- (C) C 2 B
- (D) B 2 B

66) Which of the following refers to E-Commerce activities involving transaction between and among the consumers?

- (A) C 2 B
- (B) C 2 C
- (C) B 2 B
- (D) B 2 C

67) Which of the following is an example of B 2 B website?

- (A) tradeindia.com
- (B) Quikr.com
- (C) OLX.com
- (D) Ebay.com

68) Which of the following is the limitation of E-Commerce?

- (A) Lack of Trust
- (B) Lower cost
- (C) Teamwork
- (D) Speed

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- 74) Which of the following is an art of protecting the information by transforming it into an unreadable form?
(A) Secure socket layer
 (C) Cryptography
(B) Digital Certificate
(D) Copyright

75) Which of the following are used for proving our identity in electronic transaction?
(A) Secure socket layer
(B) Digital Certificate
(C) Cryptography
 (D) Copyright

76) Which of the following symbol is used for Trademark?
(A) RM
 (C) TM
(B) CM
(D) KM

77) The way of programming is divided in to how many categories?
(A) Three
 (B) Two
(C) Five
(D) Four

78) Which of the following presents a collection of classes, constraints and relationship among classes?
(A) Root diagram
 (C) Class diagram
(B) Object diagram
(D) User diagram

79) Which of the following is not a visibility symbol?
(A) #
(C) ~
 (B) *
(D) -

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- 85) What is the full form at JDK?
(A) Java Development Kit
(C) Java Declare Kit
- (B) Java Design Kit
(D) Java Derive Kit
- 86) Java supports how many primitive data types?
(A) 5
(C) 3
- (B) 8
(D) 7
- 87) Which of the following data type hold integer number?
(A) boolean
(C) long
- (B) char
(D) double
- 88) Which of the following escape code is used for tab in Java?
(A) \b
(C) \t
- (B) \r
(D) \n
- 89) Which of the following symbol is used for single-line comment in Java?
(A) * (star)
(C) / (single slash)
- (B) // (double slash)
(D) # (hash)
- 90) Which of the following symbol is used for Modulus as an Arithmetic operator in Java?
(A) * (star)
(C) + (plus)
- (B) - (minus)
(D) % (percentage)

(Space for Rough Work)

91) In java, if conditional operator is used as below

- $A = (N \% 2 == 0) ? (N / 2) : (3 * N + 1)$; and if $N = 8$ then what will be A value?
- (A) 8
 (B) 27
 (C) 4
 (D) 1

92) Which of the following are used to repeat a sequence of statements over and over until some condition occurs?

- (A) Loops
 (B) Blocks
 (C) Variable
 (D) Cookies

93) In switch statement of java if no match is found then which of the following statement is executed?

- (A) case
 (B) default
 (C) switch
 (D) break

94) Which of the following loop is exit controlled loop in java?

- (A) do.....while
 (B) while
 (C) for
 (D) for while

95) Which of the following allows us to build new class with added capabilities by extending existing class?

- (A) Abstraction
 (B) Polymorphism
 (C) Inheritance
 (D) Messaging

(Space for Rough Work)

From the models which of the following relationship between two classes?

- 96) Inheritance models which of the following?
(A) is-a
(B) a-an
(C) it-was
(D) was-a

97) In Java, Accessor method is also known as which of the following way?

98) Which of the following way, a user defined no-argument constructor is defined?

- (A) <classname> [] { } ; (B) <classname> () { } ;
(C) <classname> { } () ; (D) <classname> [] () ;

99) Which of the following is not a part of four P's protection in Java?

100) Which of the following means ‘many form’ in java?



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