બીજી પણ OMR શીટમાં
ધ્ઢ કરવાનું રહે છે.

Set No. of Question Paper,
circle against which is to be
darken in OMR sheet.

02

:2 Hours]

[Maximum Marks : 100

ctions:

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)

2) Which of the following statement should be added as the first non-comment or non-blank line in the source file of java?

(A) Package   (B) Private

(C) Public   (D) Protocol

3) Highest level of protection in Java can be achieved using which of the following protection level

(A) Protocol   (B) Private

(C) Public   (D) Protected

4) Which of the following is the keyword used to refer a superclass constructor in subclass constructor?

(A) name of the superclass   (B) super

(C) extends   (D) new

5) Which of the following are useful to represent vector, matrix and other multi-dimensional data?

(A) Variable   (B) Array

(C) Cookie   (D) Static

6) In which of the following way we can create array object?

(A) marks = new int [5];   (B) marks new = int [5];

(C) marks new [ ] = int [5];   (D) marks int = new [5];

(Space for Rough Work)

7) In Java, suppose array is defined as int m1 [ ] = { 3, 2, 4, 5, 8}; then what will be value of m1 [3]?

(A) 2

(C) 5

(B) 3

(D) 8

8) In Java, if a 2D array is defined as

int marks [ ] [ ] = new int [5] [3]; then how many integer values can be stored contiguous memory locations?

(A) 15

(B) 125

(C) 65

(D) 08

9) Which of the following is nothing but a sequence of character?

(A) boolean

(B) string

(C) char

(D) int

10) Which of the following string class method returns true if invoking string is same as str?

(A) boolean notequal (string str)

(B) boolean neq (string str)

(C) boolean eq (string str)

(D) boolean equals (string str)

11) Which of the following string class method returns number of characters in invoking string?

(B) int length ()

(A) int lengths ()

(D) int len ()

(C) int long ()

(Space for Rough Work)

12) Which of the following date class method constructs Date object using current system time?

(A) Systime ()

(B) Currtime ()

(C) Date ()

(D) System ()

13) Which of the following refers to the starting index value in array?

(A) 0

(B) 1

(C) null

(D) All of these

14) Which of the following calendar class constant is used to display hour in 12 - hour notation?

(A) HOUR_OF_DAY

(B) HOUR

(C) HOUR_OF_HALF

(D) HOUR_OF_12

15) Errors can be broadly classified in to how many categories?

(A) 2

(B) 3

(C) 4

(D) 5

16) Which of the following Exit code indicates program is successfully compiled in Java?

(A) 1

(B) 2

(C) 3

(D) 0

17) Which of the following Exception class is utilised when there is an attempt to divide any number by zero?

(A) ArithmeticException

(B) ExceptionArithmetic

(C) ExceptionByZero

(D) ArithmeticExpectation

(Space for Rough Work)

18) Which of the following keyword is not used for an exception handler?

(A) catch

(B) cry

(C) try

(D) finally

19) Which of the following block must immediately follow the try block?

(A) catch

(B) cry

(C) imc

(D) final

20) Which of the following block is generally used to clean up at the end of executing a try block?

(A) finally

(B) catch

(C) cry

(D) clean

21) Which of the following is an example of volatile storage Device?

(A) optical disks

(B) RAM

(C) USB drives

(D) hard disk

22) Which of the following is an example of binary files extensions?

(A) .mp3

(B) .txt

(C) .C

(D) .java

23) Which of the following class can be used to access attributes of files and directories?

(A) File class

(B) Dir class

(C) FD class

(D) Folder class

4) Which of the following class provides various methods to read, input from the keyboard or from the file?

(A) Console class

(B) Scanner class

(C) Input class

(D) Keyboard class

(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   (B) .tex

    (C) .html   (D) .java

40) Which of the following element allows multi-line text input?

    (A) Textarea   (B) Textline

    (C) Textword   (D) Areatext

41) Which of the following is a software application that provides complete facilities to programmer to develop software?

    (A) ICE   (B) IAB

    (C) IEC   (D) IDE

42) Which of the following is the function key to close site manager pane in KompoZer?

    (A) F7   (B) F8

    (C) F9   (D) F5

43) Which of the following colour marker in HTML tag view helps to indicate the start tag for all elements?

    (A) Green   (B) Yellow

    (C) Red   (D) Blue

44) In KompoZer, 'SAVE' button comes on which of the following toolbar?

    (A) Composition Toolbar   (B) Format Toolbar 2

    (C) Format Toolbar 1   (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

(Space for Rough Work)

57) Content written in Title tag in html is displayed in which of the following place in web browser?

(A) Status bar

(B) Title bar

(C) Drawing bar

(D) Menu bar

58) Which of the following is used to specify gap between the cells in table?

(A) Alignment

(B) Padding

(C) Spacing

(D) Caption

59) Which of the following Alignment is not a part of Table alignment?

(A) Center

(B) Right

(C) Left

(D) Justify

60) "Link" Tab is available on which of the following dialog box in KompoZer.

(A) cell properties

(B) table properties

(C) image properties

(D) word properties

61) Which of the following offers limited free space on the web server?

(A) PSL

(B) ISP

(C) PSP

(D) ICL

62) Which of the following is another free open source WYSIWYG HTML editor?

(A) Vi editor

(B) BlueGriffon

(C) Notepad

(D) Scite

(Space for Rough Work)

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

(Space for Rough Work)

69) Which of the following is an example for online bookstore?

(A) Gmail

(B) irctc

(C) Amazon

(D) Yahoo

70) Which of the following is the process of buying and selling products by offering the customers to bid the price?

(A) Bookshop

(B) Auction

(C) Marketing

(D) Booking

71) Which of the following is a computer program that detects, prevents and takes action to remove the malicious codes like viruses, worms and trojan horses from the infected system?

(A) Firewall

(B) Digital certificate

(C) Antivirus software

(D) Cryptography

72) Which of the following has launched New card payment mechanism RuPay?

(A) National Corporation Payments of India

(B) Nation Pay Corporation of India

(C) Natural Payments Cover of India

(D) National Payments Corporation of India

73) Which of the following means transferring money from one bank account to another bank account electronically?

(A) Early Funds Transfer

(B) Easy Funds Transfer

(C) Everytime Funds Transfer

(D) Electronic Fund Transfer

(Space for Rough Work)

74) Which of the following is an art of protecting the information by transforming it into an unreadable form?

(A) Secure socket layer

(B) Digital Certificate

(C) Cryptography

(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

(B) CM

(C) TM

(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

(B) Object diagram

(C) Class diagram

(D) User diagram

79) Which of the following is not a visibility symbol?

(A) #

(B) *

(C) ~

(D) –

(Space for Rough Work)

80) Which of the following is mechanism of providing protection to data and methods of a program?

(A) Polymorphism

(B) Messaging

(C) Encapsulation

(D) Data abstraction

81) Which of the following is a concept that hides the complexity: it says what it does, but not how it is done?

(A) Messaging

(B) Encapsulation

(C) Abstraction

(D) Polymorphism

82) In class diagram composition relationship are represented using which of the following symbol?

(A) Filled Diamond

(B) Filled Circle

(C) Filled Triangle

(D) Filled Square

83) Which of the following operator creates an object and returns its reference?

(A) colon (:)

(B) new

(C) dot (.)

(D) assignment (==)

84) Which of the following represents non-exclusive relationship between two classes?

(A) Agitation

(B) Aggregation

(C) Composition

(D) Comparison

(Space for Rough Work)

BG58 (02)

85) What is the full form at JDK?

(A) Java Development Kit

(B) Java Design Kit

(C) Java Declare Kit

(D) Java Derive Kit

86) Java supports how many primitive data types?

(A) 5

(B) 8

(C) 3

(D) 7

87) Which of the following data type hold integer number?

(A) boolean

(B) char

(C) long

(D) double

88) Which of the following escape code is used for tab in Java?

(A) \b

(B) \r

(C) \t

(D) \n

89) Which of the following symbol is used for single-line comment in Java?

(A) * (star)

(B) // (double slash)

(C) / (single slash)

(D) # (hash)

90) Which of the following symbol is used for Modulus as an Arithmetic operator in Java?

(A) * (star)

(B) − (minus)

(C) + (plus)

(D) % (percentage)

(Space for Rough Work)

OBG58 (02)

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)

96) Inheritance models which of the following relationship between two classes?

    (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?

    (A) setter
    (B) getter
    (C) Actor
    (D) Acer

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?

    (A) Protected
    (B) Private
    (C) Public
    (D) Protocol

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

    (A) Encapsulation
    (B) Abstraction
    (C) Polymorphism
    (D) Messaging

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(Space for Rough Work)