

Paper - 1

Board's Sample Question Paper

(Science Stream)

Time : 2 Hours]

Computer (Practical) SEM - III

[Total Marks : 50

- 1) Using Kompozer make a form to get personal information of students like, Name, Caste, Hobby, Address, Photograph, City etc. [15]
- 2) Using Kompozer make the CSS style sheet rule for H1 tag element and apply it to the text. [08]
 - Font : Times New Roman
 - Color : Red
 - Alignment : Center
 - Border : Dotted
- 3) Make the form with the following elements. [07]
 - Check the following validations for Name, E-mail, Address, Phone Number and Submit buttons.
 - Make a simple Java program to display student's name and address.
 - Fields must not remain empty.
 - Only one number should be valid in the form number field.
- 4) Make a website on "Garvi Gujarat" using Kompozer. [20]



Paper - 2

Board's Sample Question Paper

(Science Stream)

Time : 2 Hours]

Computer (Practical) SEM - IV

[Total Marks : 50

- 1) Make a Java program for the use of Arithmetic Operators. [10]
- 2) Make a class with the name 'Fixed Deposit' that contains three attributes (principal amount, annual interest and period (years) and a method that returns maturity among using compound interest. Create another class named 'FixedDepositMemo' with main() method. In main() method, create two objects, assign the values to their attributers and display them with maturity amount. [10]
- 3) Write a program that uses an array to store 12 values of hourly temperature of a day from 6 am to 6 pm. Use either initialization of assignment statements to assign these values. Print maximum and minimum temperature of the day. [15]
- 4) Make a Java program that throws and exception and catches the exception when we try to find out the square root of negative number. [10]

OR

Make a program that displays the list of files lying in a directory.

- 5) Make a Latex document for the formatting of text. [05]



Paper - 3

Board's Sample Question Paper

(Common Stream)

Time : 2 Hours]

Computer (Practical)

[Total Marks : 50

- 1) Make a form to get the information of students. Get the information like name, caste, address etc. [07]
- 2) Using Kompozer make the CSS style sheet rule for H1 tag element and apply it to the text. [08]
Font : Times New Roman
Color : Red
Alignment : Center
Border : Dotted
- 3) Make a website about "My School" using Kompozer. [10]
- 4) (A) Make a simple Java program to display student's name and address. [05]
(B) Make a class with the name 'Fixed Deposit' that contains three attributes (principal amount, annual interest and period (years) and a method that returns maturity amount using compound interest. Create another class named 'FixedDepositMemo' with main() method. In main() method, create two objects, assign the values to their attributes and display them with maturity amount. [10]

OR

- (B) Make a Java Program that displays whether the given string is Palindrome String or not.
(String when reversed remains same that is palindrome string. E.g. "nayan", "121" etc.)
- 5) Write a Java program to simulate bank transactions. Take two variables, balance amount and withdraw amount. Create a custom exception, "Invalid Transaction", your program must throw the "Invalid Transaction" exception if the withdraw amount is more than balance amount. Write appropriate handlers for this exception. [10]

OR

Make a Java program to input principal amount, rate of interest and number of years from the user. Count the simple interest.



Computer (331) (E)

[TIME : 2:30 HRS.]

BOARD'S PAPER OCTOBER : 2014

TOTAL MARKS : 100]

- 1) In class diagram, which of the following icon is not used to represent a class ?
(A) behaviour (B) value
(C) attribute (D) name
- 2) In UML rotation, using which of the following syntax an attribute is declared ?
(A) [<visibility] [<Attribute data type>]
(B) [<visibility] <attribute name>
[<attribute data type> [= initial value]]
(C) [<attribute data type [= initial value]]
(D) None of the above
- 3) In object-oriented concept, which symbol is used to represent aggregation ?
(A) Square (B) Filled diamond
(C) Rectangle (D) Empty diamond
- 4) Which of the following enables to represent data in which the implementation details are hidden ?
(A) Encapsulation (B) Abstraction
(C) (A) and (B) both (D) Inheritance
- 5) What is known as a feature in object-oriented programming allows defining more than one method having same name but different signature in single class ?
(A) Function or method overloading
(B) Messaging
(C) Encapsulation
(D) None of above
- 6) Polymorphism is achieved using how many types of overloading ?
(A) Six (B) Three (C) Four (D) Two
- 7) Aggregation represents which type of relationship between two classes ?
(A) Non-exclusive (B) Exclusive
(C) Is-a-kind-of (D) None of above
- 8) The class that is contained in owner class is known as ?
(A) Subject class (B) Part class
(C) Aggregated class (D) All of above
- 9) In object-oriented terminology, which of the following statement is true for class ?
(i) New class is called sub class or child class or derived class.
(ii) Existing class is called super class or parent class or base class.
(A) Only (i) (B) Only (ii)
(C) (i) and (ii) both (D) none of the above
- 10) Which of the following is not a visibility symbol ?
(A) + (B) # (C) * (D) ~
- 11) Which is a very common format for distributing software or bundles of files on the Linux platform ?
(A) Tarball (B) Zip
(C) Jar (D) Nautilus Manager
- 12) In VLC Media player which command is used to open a playlist ?
(A) Insert → Playlist (B) Media → Playlist
(C) Media → Openfile (D) View → Playlist
- 13) At the bottom of the window of VLC display which bar showing how much of the current track has been played and what is its total duration ?
(A) Status bar (B) Progress bar
(C) Menu bar (D) None of above
- 14) In web browser, which of the following URL should be typed to access google map service ?
(A) http: || google map.co.in
(B) http: || google.map
(C) http: || maps.google.co.in
(D) none of above
- 15) Which of the following is a view of google map ?
(A) Map view (B) Satellite view
(C) (A) and (B) both (D) Print preview
- 16) Which program is used to enter unicode characters into any application ?
(A) Character map (B) Object manager
(C) Font chart (D) All of above

- 17) In 'R' software, which function displays a list of all the variables user has defined ?
 (A) disp () (B) ls ()
 (C) list () (D) dir ()
- 18) In 'R' plotting, which of the following is used as an argument of barplot () function ?
 (A) xlab (B) ylab
 (C) border (D) all of above
- 19) The skype service allows user to communicate with peers' using which of the following ?
 (A) Voice (B) Text
 (C) Video (D) All of above
- 20) Which of the following are different variants of Relational Plan ?
 (A) Server, Client (B) Singular, Multiple
 (C) View, Preview (D) Single, Multi, Viewer
- 21) In HTML, which of the following element is not used to create a form ?
 (A) Text Area (B) Input
 (C) Image (D) Form
- 22) What is the default value for method attribute of <Form> element ?
 (A) Get (B) Post
 (C) (A) and (B) both (D) URL
- 23) Which attribute is used to specify the default value of the text-field in the HTML form ?
 (A) Initial value (B) Value
 (C) Type (D) Name
- 24) Which of the following attribute is used with the <text area> element ?
 (A) cols (B) height (C) width (D) size
- 25) Which of the following is an example of open source IDE ?
 (A) KompoZer (B) Eclipse
 (C) JBuilder (D) All of above
- 26) In KompoZer, which menu-option is used to view the different toolbars and status bar ?
 (A) Insert → Show / Hide
 (B) Tools → Show / Hide
 (C) Format → View tools
 (D) View → Show / Hide
- 27) In KompoZer, which key is used to close site manager ?
 (A) F9 (B) F5 (C) F6 (D) F2
- 28) In KompoZer, which toolbar is used to create new file, open a file, save a file or publish a web page ?
 (A) Composition toolbar
 (B) Format toolbar-1
 (C) Format toolbar-2
 (D) All of above
- 29) In Edit mode toolbar of KompoZer, which of the following viewing mode is not available ?
 (A) Normal (B) Web page
 (C) HTML tags (D) Preview
- 30) In KompoZer, which tab of page pane is used to design the web page ?
 (A) design (B) split
 (C) source (D) none of above
- 31) In KompoZer, which menu-option is used to insert an input text field in the form ?
 (A) Insert → Text field
 (B) Form → Format field
 (C) Insert → Form → Form field
 (D) Insert → Form field
- 32) In KompoZer, generally file is saved with which extension ?
 (A) .html (B) .htm
 (C) (A) and (B) both (D) None of above
- 33) In KompoZer, we want any option of the radio button selected when the form is loaded then, the checkbox in front of which text should be selected in form field property dialog box ?
 (A) Initially selected (B) Default value
 (C) Prime value (D) Initial value
- 34) In HTML form, which element allows multi-line text input ?
 (A) <text area> (B) <submit>
 (C) <P> (D) <text>
- 35) In KompoZer, which menu-option is used to give a background colour in the form ?
 (A) Insert → Background
 (B) Format → Page colours and Background
 (C) View → Page Background
 (D) All of above

- 36) In website, which of the following can be controlled using CSS ?
 (A) Font types
 (B) Pad spaces
 (C) Margin and element position
 (D) All of above
- 37) A CSS rules has how many parts ?
 (A) One (B) Three (C) Four (D) Two
- 38) In the following CSS syntax which is a selector ?
 H1 {colour: green}
 (A) : (B) Colour (C) Green (D) H1
- 39) In KompoZer, cascade button for CSS is available on which toolbar ?
 (A) Composition toolbar
 (B) Format toolbar-1
 (C) Format toolbar-2
 (D) None of the above
- 40) Which of the following option is not available in the text tab of CSS stylesheet dialog box ?
 (A) Font type (B) Font size
 (C) Colour (D) Font family
- 41) Which of the following is not an advantage of CSS ?
 (A) The CSS has less code compared to that in HTML
 (B) Using CSS makes website designing quick and efficient
 (C) The CSS compatibility varies with different browsers
 (D) None of the above
- 42) Which of the following statement is true for JavaScript ?
 (i) The JavaScript code can be put directly inside the web page code as a separate section.
 (ii) JavaScript is a case sensitive language.
 (A) Only (i) (B) Only (ii)
 (C) (i) and (ii) both (D) None of the above
- 43) In JavaScript, what is a reusable block of code that performs a particular task ?
 (A) Event (B) Function
 (C) Procedure (D) Variable
- 44) In JavaScript function, the block of code is written inside which braces ?
 (A) < > (B) { } (C) [] (D) ()
- 45) In JavaScript, which event would occur when document or image is loaded ?
 (A) Change (B) Abort
 (C) Load (D) Focus
- 46) In JavaScript, which key word is used to declare a variable ?
 (A) def (B) dec (C) var (D) dim
- 47) Which of the following statement is true for if statement in JavaScript ?
 (i) The conditional statement if is used to change the flow of the program.
 (ii) If the condition is false, then the program enters in block and executes the statement inside it.
 (A) Only (i) (B) Only (ii)
 (C) (i) and (ii) both (D) none of above
- 48) In document object model, all the element of webpage like form, images, links etc. are contained within which object ?
 (A) Webpage (B) Browser
 (C) Background (D) Document
- 49) In JavaScript, following function returns what ?
 is NaN(123)
 (A) true (B) false
 (C) (A) and (B) both (D) 123
- 50) Which of the following is not a built-in function of JavaScript ?
 (A) is NaN () (B) alert ()
 (C) validate Form () (D) none of above
- 51) In the JavaScript, which number is used for first element from the checkbox of three array element ?
 (A) 3 (B) 1 (C) 2 (D) 0
- 52) In JavaScript, which of the following statement is used to return a value in a function ?
 (A) Return (B) Display
 (C) Function (D) Send
- 53) In JavaScript, which method is used to apply focus on a particular element of the form ?
 (A) Select (B) Focus
 (C) Move (D) None of the above
- 54) In JavaScript, which of the following is used as 'OR' operator ?
 (A) & & (B) = =
 (C) || (D) All of above

- 55) In the following JavaScript statement which is a method ? `document.write ("Hello Students");`
 (A) document (B) write
 (C) hello Students (D) none of the above
- 56) Which of the following is an important point which should be considered for developing a good website as part of planning process ?
 (A) Purpose (B) Audience
 (C) Content (D) All of above
- 57) What is a collection of inter linked web pages for a specific purpose ?
 (A) Application (B) Form
 (C) Website (D) Document
- 58) Which point of planning process, provides users with the detailed information on the site like products and services description ?
 (A) Audience (B) Medium
 (C) Content (D) Purpose
- 59) Which of the following is the first page the opens when the user enters the URL address in the address bar of the browser ?
 (A) Last page (B) Home page
 (C) Main page (D) First page
- 60) The title of webpage displayed in which bar of the web browser ?
 (A) Menu bar (B) Heading
 (C) Title bar (D) Status bar
- 61) Which of the following is not an option of Table properties dialog box of KompoZer ?
 (A) Table alignment (B) Borders and spacing
 (C) Colour (D) Size
- 62) In KompoZer, which option of Table properties dialog box is used to give caption to the table ?
 (A) Table title (B) Caption
 (C) Heading (D) Title
- 63) In KompoZer, which menu-option is used to insert an image ?
 (A) Tools → Picture (B) Insert → Image
 (C) View → Image (D) Format → Picture
- 64) In KompoZer, which menu-option is used to insert a horizontal line ?
 (A) Format → Border
 (B) Table → Border
 (C) (A) and (B) both
 (D) Insert → Horizontal line
- 65) In KompoZer, which menu-option is used to change the page title ?
 (A) File → Page Title
 (B) Insert → Page Title
 (C) View → Page Title and Properties
 (D) Format → Page Title and Properties
- 66) In JavaScript, which of the following can be done with cookies ?
 (A) Cookies can be read
 (B) Cookies can be modified
 (C) Cookies can be deleted
 (D) All of above
- 67) What is the full form of ISP ?
 (A) Internet Service Provider
 (B) International Standard Protocol
 (C) Information Service Protocol
 (D) Internet Server Protocol
- 68) Which of the following is the means by which we can transfer the web pages from user's computer to the web host ?
 (A) SSL (B) URL (C) FTP (D) HTTP
- 69) Using which of the following Aptana studio 2-0-5 is currently used to develop web applications ?
 (A) HTML (B) CSS
 (C) JavaScript (D) All of above
- 70) Which of the following is a variable that is stored on the user's computer ?
 (A) Java (B) HTML (C) Cookie (D) Integer
- 71) Which of the following is large online bookstore website ?
 (A) www.amazon.com
 (B) www.bookshop of india.com
 (C) shopping.indiatimes.com
 (D) All of above
- 72) Which of the following is not a popular website for online auction ?
 (A) www.ibid.com
 (B) www.online auction.com
 (C) www.ubid.com
 (D) www.ebay.com

- 73) In which type of service of E-commerce the notices and reminders sent to the customer by the companies or banks ?
 (A) Information services
 (B) Support services
 (C) (A) and (B) both
 (D) Net Banking
- 74) Which of the following service is provided to the customer by online banking ?
 (A) Check account balance at any time
 (B) Obtain statements for any credit or debit
 (C) Pay various bills online like telephone, electricity and many more without going to the bank
 (D) All of above
- 75) Which of the following is not an advantage of E-Commerce ?
 (A) Speed (B) Privacy
 (C) Team work (D) Lower cost
- 76) In E-Commerce, which of the following is the process of buying and selling products by offering the customers to bid the price ?
 (A) Booking (B) Auction
 (C) Net banking (D) Marketing
- 77) Which of the following is an example of E-Commerce business model-B2C website ?
 (A) amazon.com (B) fabmart.com
 (C) rediff.com (D) All of above
- 78) What is refers to E-Commerce activities between different business partners ?
 (A) Government to Business
 (B) Customer to Customer
 (C) Business to Business
 (D) Customer to Business
- 79) Which of the following is an example of C2B website ?
 (A) bidstall.com (B) jeetle.in
 (C) (A) and (B) both (D) amazon.com
- 80) What refers to the services and information provided by the government to the business organization through vast network of government websites ?
 (A) B2C (B) G2C (C) G2G (D) G2B
- 81) The Gujarat Government has developed its own network called GSWAN is available online on which website ?
 (A) www.gswan.gov (B) www.gswan.org.in
 (C) www.gswan.com (D) www.gswan.gov.in
- 82) Which of the following statement is true for E-Commerce models ?
 (i) In B2B model, the customers are other companies.
 (ii) In B2C model, the customers are individuals.
 (A) Only (i) (B) Only (ii)
 (C) (i) and (ii) both (D) none of the above
- 83) Which of the following is a feature of traditional commerce ?
 (A) Customers can browse through products and offers
 (B) E-payment systems are used for receiving payment
 (C) Operates within a certain period of time or during business hours
 (D) Advertising of the product is done electronically
- 84) Which of the following service is included in mobile information services ?
 (A) News services (B) Financial records
 (C) Stock market data (D) All of above
- 85) Which of the following is the most accurate in determining a mobile device's position ?
 (A) PRS (B) GPS (C) POS (D) GSP
- 86) Which of the following location based application is used for plotting route from one place to another ?
 (A) Information and directory services
 (B) Mapping
 (C) Navigation
 (D) Tracking services
- 87) There are how many important aspects for the E-Commerce/M-Commerce security ?
 (A) Six (B) Three (C) Four (D) Two
- 88) Which security aspect of E-Commerce/M-Commerce ensures that the information must not be accidentally or maliciously altered or tempered in transit ?
 (A) Confidentiality (B) Integrity
 (C) Authorization (D) All of above

- 89) Which of the following is a security measure on internet ?
 (A) Antivirus software (B) Firewall
 (C) Cryptography (D) All of above
- 90) Which of the following symbol is used for trademark ?
 (A) TM (B) SM
 (C) ® (D) All of above
- 91) Which of the following entity pay role in online payment ?
 (A) Payment gateway (B) Processor
 (C) (A) and (B) both (D) None of above
- 92) While making payment through which the customer is not required to provide the credit/debit card number ?
 (A) ETF (B) Debit card
 (C) E-Wallet (D) Credit card
- 93) Which of the following launched a new card payment mechanism Rupay ?
 (A) NRCP (B) NICP (C) NCPI (D) NPCI
- 94) Which of the following is an attack used to shut down a machine or network, making it inaccessible to its intended users ?
 (A) cyber vandalism
 (B) denial of service attack
 (C) spoofing
 (D) malicious code
- 95) Which of the following protocol is used for securing web transactions on the internet ?
 (A) FTP (B) HTTP (C) SSL (D) TCP/IP
- 96) Which of the following is a way of programming ?
 (A) Structure / procedural
 (B) Object oriented
 (C) (A) and (B) both
 (D) None of the above
- 97) How many specific properties must be supported by an object oriented computer language ?
 (A) Six (B) Three (C) Four (D) Two
- 98) In object oriented concept, the behaviour is known as which of the following ?
 (A) Attribute (B) State
 (C) Method (D) All of above
- 99) In object-oriented programming which of the following attribute describes the object ?
 (A) Data field (B) Behaviour
 (C) State (D) Method
- 100) What is the full form of UML ?
 (A) Unit of Modern Linux
 (B) Unit Model Language
 (C) Unified Modelling Language
 (D) United Modern Language



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

