

Chapter 1 Creating HTML Forms Using KompoZer

Unit Test 2018 (Std. 12th E.M.)

STUDENT'S NAME : _____ DIV. _____ ROLL NO.: _____

Textbook Exercise

(1) Which of the following is a container used to collect different kinds of inputs from the user?

(A) Form (B) Webpage (C) Text (D) Input

(2) Which of the following element is used to create an HTML form?

(A) Textarea (B) Form (C) Select and Option (D) Input

(3) Which of the following is the tag used to implement form element?

(A) <form> </form> (B) <form> <form>

(C) </form> </form> (D) <frm> </frm>

(4) Which of the following attribute of form is used to specify where to send the form data when the form is submitted?

(A) Method (B) action (C) submit (D) input

(5) Which of the following attribute of form specifies the HTTP method to be used when Sending the data?

(A) Submit (B) action (C) method (D) input

(6) Which of the following values are used by method attribute?

(A) GET and POST (B) GET and SET

(C) GET and PUT (D) SET and POST

(7) Which of the following method allows only a limited amount of information to be sent at a time?

(A) GET (B) POST (C) SET (D) PUT

(8) Which of the following method sends the data as a block through the HTTP transaction?

(A) GET (B) SET (C) PUT (D) POST

(9) Which of the following attribute of the input element specifies the field that is to be created in the form?

(A) Input (B) Type (C) Name (D) Value

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

(A) Textarea (B) Input (C) Select and Option (D) Form

(11) Which of the following element is used in form to create dropdown list or menu?

(A) Input (B) Textarea (C) Select (D) Form

(12) Which of the following is a free open source web development IDE?

(A) HTML (B) KompoZer (C) SciTE (D) Base

(13) Which of the following stands for "WYSIWYG" ?

(A) When You See Is When You Get (B) What You See Is When You Get

(C) What You See Is What You Get (D) When You See Is What You Get

(14) Which of the following software are the example of open source IDE's?

(A) KompoZer (B) Eclipse (C) JBuilder (D) All of these

(15) Which of the following method sends the data as a block through the HTTP transaction?

(A) GET (B) POST (C) FTP (D) HTTPS

(16) Which of the following element allows multi-line text input in HTML KompoZer form?

(A) Textarea (B) Multiline (C) Insert Row (D) Insert Column

- (17) Which attribute is used to indicate the field specify default value in HTML form?
(A) type (B) name (C) value (D) All of these
- (18) 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
- (19) Which tab is used to design/format the web page in KompoZer?
(A) Design (B) Split (C) Source (D) All of these
- (20) Which element is used to create a drop down list or menu in a form of HTML?
(A) <select> </select> (B) <option> </option>
(C) <pulldown> </pulldown> (D) <body> </body>
- (21) Which option is used to check box to keep the option checked when the form loads in web page?
(A) Select Initially (B) Initially Selected (C) Show Initially (D) Display Initially
- (22) In HTML, which of the following is a container used to collect different kinds of inputs from the user?
(A) Form (B) Frame (C) Database (D) Both (A) and (B)
- (23) Which of the following attribute can be used in <form> element of HTML?
(A) GET and POST (B) Action and Method
(C) Both (A) and (B) (D) None of these
- (24) In HTML ,which of the following attribute of form specifies the HTTP method to be used when sending the data?
(A) Value (B) Action (C) Type (D) Method
- (25) Which of the following is an attribute of <input> tag of HTML form?
(A) Type (B) Name (C) Value (D) All of these
- (26) In HTML form, clicking on which of the following button, the value of data entered in the form are cleared and set back to default values?
(A) Reset (B) on Submit (C) Submit (D) on Click
- (27) Which of the following is a software application that provides complete facilities to programmer to develop software?
(A) Internet Development Environment (B) Internet Development Active
(C) Interface Development Environment (D) Integrated Development Environment
- (28) KompoZer software can be downloaded from which of the following website?
(A) <http://www.kompozer.in> (B) <https://www.kompozer.org>
(C) <https://www.kompozer.edu> (D) <http://www.kompozer.net>
- (29) What is the full form of CSS ?
(A) Cascading Standard Sheet (B) Copy Standard Style
(C) Cascading Style Sheet (D) Copy Style Sheet
- (30) In KompoZer, which toolbar is used to create, open and save a file or publish a web page?
(A) Composition Toolbar (B) Format Toolbar - 1
(C) Format Toolbar - 2 (D) None of these
- (31) In KompoZer, which of the following tab is available on the left side of the page pane?
(A) Design (B) Split (C) Source (D) All of these
- (32) How many viewing modes are there on the edit mode toolbar of KompoZer?
(A) 6 (B) 3 (C) 4 (D) 2
- (33) In KompoZer, which menu option is used to open a file that has been opened recently?
(A) File Web pages (B) File Recent pages

(C) File Page list

(D) File Form list

(34) In KompoZer, which menu option is used to insert a label in form?

(A) Form Form Field

(B) Format Label

(C) Form Define Label

(D) Insert Label

(35) Which of the following is not a section of 'Form field properties' dialog box of KompoZer?

(A) Field type

(B) Field setting

(C) Form name

(D) None of these

(36) In KompoZer, which menu option is used to create a selection list of form?

(A) Form Selection list

(B) Form Textarea

(C) Form Option list

(D) Form List

(37) In HTML form which tag is used to implement input element?

(A) <form> </form>

(B) <input>..... </input>

(C) <execute> </execute>

(D) <type> </type>

(38) Which value are used to specify method attribute of form ?

(A) GET and SET

(B) GET and POST

(C) GET and PUT

(D) SET and GOT

(39) Generally, in HTML form which input element is used to select multiple items from a given group of items?

(A) Textbox

(B) Radio button

(C) Check box

(D) Password

(40) What is the full form of IDE?

(A) Integrated Development Environment

(B) International Development Environment

(C) Indian Development Environment

(D) Integrated Document Environment

(41) Which website is used to download KompoZer free of cost?

(A) www.kompozer.com

(B) www.kompozer.net

(C) www.kompozer.co.in

(D) www.kompozer.org

(42) Which tool of KompoZer is used to give rapid access of the files on both local machine and remote servers?

(A) Site Manager

(B) Page Manager

(C) Document Manager

(D) None of these

(43) Which toolbar is used to format text, add bullets, numbering and perform similar formatting operations ?

(A) Format Toolbar-1

(B) Format Toolbar-2

(C) Composition Toolbar

(D) Both (A) and (B)

(44) Which extension is used to save website file made in KompoZer?

(A) .html

(B) .src

(C) .c

(D) .komp

(45) How many attributes are used by <form> elements?

(A) 2

(B) 3

(C) 4

(D) 5

(46) Which of the following method value allows only a limited amount of information to be sent at a time by form on KompoZer?

(A) POST

(B) GET

(C) HTTP

(D) FTP

(47) Which of the following element is used to insert various fields like radio button, textbox and checkbox in the form ?

(A) <insert> </insert>

(B) <input> </input>

(C) <field> </field>

(D) <button> </button>

(48) Which of the following button is clicked in form to clear the value of data entered in the form and set back to default value ?

- (A) Submit (B) Restore (C) Reset (D) Back
- (49) Which of the following is not an example of Open Source IDEs ?
(A) Net chain (B) Eclipse (C) Net beans (D) J Builder
- (50) Which of the following attributes are used in text area element in HTML form?
(A) cols, rolls (B) rows, codes (C) rows, cols (D) codes, rolls
- (51) Which of the following menu is clicked in KompoZer to view the different toolbars and status bar ?
(A) View Hide/Status (B) View Show/Hide
(C) View Tools/Shows (D) View Tools/Status
- (52) Which of the following viewing modes are there in Edit mode toolbar of KompoZer?
(A) Normal, HTML Tag, Preview (B) Normal, Source, Split
(C) Normal, CSS tag, View (D) Design, Split, Source code
- (53) Which of the following is a key to close the site manager pane in KompoZer?
(A) F8 (B) F9 (C) F10 (D) F11
- (54) Which by default name of webpage is shown when user starts KompoZer first time?
(A) Document1 (B) kompozer1 (C) Untitled (D) File1
- (55) Which of the following menu is used to insert a label for the name field in KompoZer?
(A) Insert Form Create Label (B) Insert Form Define Label
(C) Insert Form Label Assign (D) Insert Form Insert Label
- (56) Which of the following are viewed when user open form properties dialog box in KompoZer?
(A) Form Name, Action URL, Method (B) Field Name, Method URL, Label
(C) Action URL, Method, Field (D) Field Name, Action URL, Method
- (57) Which of the following icon is shown on Composition toolbar in KompoZer?
(A) Bold (B) Save (C) Body Text (D) Auto Number
- (58) To create dropdown menu through KompoZer which menu – option is clicked?
(A) Form Selection List (B) Form Select
(C) Form Dropdown list (D) Form Option
- (59) Where does the page title displayed in the browser window, When it is viewed in the browser?
(A) Menu bar (B) Status bar (C) Main document (D) Title bar

Chapter 3 Designing Simple Website using KompoZer

Unit Test 2018 (Std. 12th E.M.)

STUDENT'S NAME : _____ DIV. _____ ROLL NO.: _____

Textbook Exercise

- (1) 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
- (2) Which of the following is not an important point to be considered for developing a good website as part of planning process?
(A) Purpose (B) Audience (C) Content (D) Input
- (3) Which of the following information should a website contain?
(A) Complete, Relevant (B) Complete, Irrelevant
(C) Incomplete, Irrelevant (D) Incomplete, Relevant
- (4) Which of the following content provides an overview of the size, organization, products and services, and other items?
(A) Detailed (B) Long (C) General (D) Short
- (5) Which of the following is a collection of interlinked web pages?
(A) Webpage (B) Form (C) KompoZer (D) Website
- (6) 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
- (7) Which of the following filename is the home page of the website saved as?
(A) first.html (B) index.html (C) home.html (D) one.html
- (8) Which of the following is a variable that is stored on the user's computer?
(A) Integer (B) HTML (C) Cookie (D) Java
- (9) Which of the following stands for FTP?
(A) File Truncate Protocol (B) File Transfer Process
(C) Fine Tune Protocol (D) File Transfer Protocol
- (10) Which of the following option Aptana Studio provides complete web development environment for language support ?
(A) HTML (B) CSS (C) PHP (D) All of these
- (11) How can we separate the product name, price, quantity and amount save as string in variable?
(A) : (Colon) (B) ; (Semi colon) (C) , (Comma) (D) . (full dot)
- (12) Which of the following is a collection of interlinked web pages?
(A) Web page (B) Form (C) Web server (D) Website
- (13) What is another kind of Blue Griffon HTML editor in open source?
(A) WYSIWYG (B) GYWSIY (C) YSIWYG (D) IWYGSYW
- (14) By using which option in table properties dialog box a title is given in KompoZer?
(A) Table Handling (B) Caption (C) Table Name (D) Create Table Name
- (15) Which of the following is a variable that is stored on the user's computer?
(A) Real (B) Integer (C) Cookie (D) Temp file

- (16) Which menu – option is used to insert a horizontal line in KompoZer?
(A) Insert Horizontal Line (B) Table Vertical Line
(C) Format Horizontal Line (D) View Horizontal Line
- (17) 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
- (18) Which of the following helps in promoting the business, selling the products and attracting a large number of customers ?
(A) ASP (B) Webpage (C) PHP (D) Website
- (19) In the planning process of website, after deciding what the content and layout of the website can be properly developed?
(A) Audience (B) Content (C) Medium (D) Purpose
- (20) The website content should be classified into which of the following category?
(A) General (B) Detailed (C) Both (A) and (B) (D) Medium
- (21) In KompoZer, which menu is used to insert a table?
(A) Insert (B) Table (C) Both (A) and (B) (D) Format
- (22) In KompoZer, which option of borders and spacing option of table properties dialog box is used to specify gap between cells?
(A) Alignment (B) Padding (C) Spacing (D) Size
- (23) In KompoZer, which tab of image properties dialog box is used to change the size of image?
(A) Link (B) Dimensions (C) Appearance (D) Location
- (24) In KompoZer, which menu-option is used to change the title of web pages?
(A) Format Page Title and Properties (B) Edit Page Title
(C) View Page Title and Properties (D) Insert Page Title
- (25) In JavaScript, which function is used to change data into number?
(A) int() (B) value() (C) parseFloat() (D) isNumber()
- (26) Which protocol is use to transfer the web pages from user's computer to the web host?
(A) FTP (B) SMTP (C) POP (D) HTTPS
- (27) Which of the following is an open source IDE provides language support for Rails, Python etc. as complete web development environment?
(A) Text editor (B) Blue Griffon (C) Amaya (D) Aptana Studio
- (28) Which website is sued to download Blue Griffon easily?
(A) www.editorbluegriffon.edu (B) www.bluegriffon.org
(C) www.bluegriffon.in (D) www.bluegriffoneditor.edu
- (29) Amaya is developed by which of the following?
(A) Word Wide Web Consortium (B) World Web Company
(C) World Wide Web (D) World Wide Web Corporation
- (30) Which page of the website is the first page that opens when user enters the URL address in the address bar of the browser ?
(A) Index page (B) Home page (C) URL page (D) First page
- (31) In KompoZer, which option of 'Image properties' dialog box is used to display the text in case the image is not displayed in the browser ?
(A) Tool tip (B) Picture text (C) Alternate text (D) Display text
- (32) Blue Griffon supports which of the following language?

- (A) English (B) Dutch (C) Chinese (D) All of these

- (33) From the following which is the purpose of developing website?
(A) To provide information to a group of people (B) To attract new customers
(C) To sell the products online (D) All of these
- (34) What should be the information of website?
(A) Incomplete, Relevant (B) Incomplete, Irrelevant
(C) Complete, Relevant (D) Complete, Irrelevant
- (35) In insert a table in webpage of KompoZer which menu is used?
(A) Format Table (B) Insert Table (C) View Table (D) Modify Table
- (36) In KompoZer, which menu is used to change the page title of web pages?
(A) Format Page Title and Properties (B) Format Heading
(C) Insert Heading (D) Insert Heading and Subheading
- (37) Which is a variable that is stored on the user's computer, that is useful as they provide feature to remember and track preferences, purchases and commissions?
(A) Boolean (B) Integer (C) Cookie (D) Float
- (38) Which process means to transfer the web pages, images and style sheets related to the site, to a web server from which they be accessed by the users ?
(A) Downloading (B) To publish a website (C) Website Processing (D) None of these
- (39) From the following which is a powerful open source IDE that provides multiple language support to HTML, CSS, JavaScript, Ruby, Rails, PHP, Python ?
(A) Amaya (B) Aptana Studio (C) Blue Griffon (D) JavaScript
- (40) From the following which is free open source WYSIWYG web editor and it was initially started as an HTML/CSS editor ?
(A) Amaya (B) Aptana Studio (C) Blue Griffon (D) JavaScript
- (41) Which of the following satisfy users and sustain their interest in the website?
(A) Content with Excessive use & unknown information.
(B) Excessive use of irrelevant information
(C) Massive and irrelevant data
(D) Placing appropriate and relevant content
- (42) Which of the following is a collection of interlinked web pages for specific purpose?
(A) Website (B) Table (C) Checkbox (D) Form
- (43) Which three tabs are shown in Insert Table dialog box of KompoZer?
(A) Cell, Rows, Columns (B) Quickly, Rows, Columns
(C) Cell, Precisely, Quickly (D) Table, Rows, Columns
- (44) Which of the following menu is used to create table in KompoZer?
(A) View Insert Table (B) Insert Table (C) Create Table (D) Tools Table
- (45) How many tabs are shown in Table property dialog box of KompoZer?
(A) 2 (B) 3 (C) 4 (D) 5
- (46) Which of the following gives a gap between the edge of the cell and the text within it in table properties dialog box ?
(A) Caption (B) Spacing (C) Padding (D) Border
- (47) Which of the following is used to specify gap between cells in table properties dialog box ?
(A) Caption (B) Spacing (C) Padding (D) order
- (48) Height and Width of table can be specified in which of the following ways?

- (A) Pixels (B) % of the windows (C) Both (A) and (B) (D) None of these
- (49) Which of the following radio button is clicked in image properties dialog box if you do not want to give alternate text ?
- (A) Hide alternate text (B) Alternate text
(C) Don't user alternate text (D) Show alternate text
- (50) Which of the following tabs are shown in image properties dialog box of KompoZer?
- (A) Location, Dimensions, Appearance, List (B) Locate, Dimension, Apply, Link
(C) Locate, Dimension, Apply, List (D) Location, Dimensions, Appearance, Link
- (51) Which of the following offers limited free space on the web server?
- (A) Internet Space Provider (B) Internet Service Protocol
(C) Internet Service Provider (D) Indian Service Provider
- (52) Which of the following menu is selected to publish a site in KompoZer?
- (A) File Publish (B) Edit Publish (C) View Publish (D) Tools Publish
- (53) Which of the following can be done on Cookies?
- (A) Create, Read, Modify, Delete (B) Read, Create
(C) Only Read, Write (D) Only Create, Read
- (54) Which of the following is a variable that is stored on the user's computer?
- (A) Integer (B) Function (C) Cookie (D) Code
- (55) Which of the following filename is the home page of the website saved as?
- (A) first.html (B) index.html (C) file.html (D) webpage.html

Chapter 4. Introduction to E-Commerce

Unit Test 2018 (Std. 12th E.M.)

STUDENT'S NAME : _____ DIV. _____ ROLL NO.: _____

(Textbook Exercise Questions)

- (1) Which of the following is an example for online bookstore?
(A) Amazon (B) IRCTC (C) Gmail (D) Yahoo
- (2) Which of the following is newspaper that exists on the Internet in digital form?
(A) I – Newspaper (B) Internet Newspaper (C) WWW – Newspaper (D) E – Newspaper
- (3) 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) Bookshop (D) Booking
- (4) Which of the following is known as the process of conducting the banking transactions over the Internet?
(A) Auction (B) Bidding (C) Net banking (D) WWW banking
- (5) 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-payment systems are used for receiving payment.
(D) Customers can browse through products and offers.
- (6) 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.
- (7) Which of the following is not an advantage of E-Commerce?
(A) Lower cost (B) Conduct business 24 x 7
(C) Security (D) No geographical limitations
- (8) Which of the following is a disadvantage of E-Commerce?
(A) Privacy (B) Improved customer service
(C) Speed (D) Conduct business 24 x 7
- (9) Which of the following E-Commerce business model refers to business and organizations that sell products or services to consumers over the Internet using websites ?
(A) Business to Consumer (B2C) (B) Business to Business (B2B)
(C) Consumer to Business (C2B) (D) Government to Business (G2B)
- (10) Which of the following E-Commerce business model refers to activities between different business partners?
(A) Government to Business (G2B) (B) Consumer to Business (C2B)
(C) Business to Business (B2B) (D) Business to Consumer (B2C)
- (11) Which of the following is a good example of C2C model?
(A) Auction sites (B) E – Newspaper
(C) Online purchasing (D) Information services
- (12) Which of the following E-Commerce business model refers to E-Commerce activities involving transactions between and among the consumers?
(A) Government to Business (G2B) (B) Consumer to Consumer (C2C)
(C) Business to Business (B2B) (D) Business to Consumer (B2C)

- (13) Which of the following E-Commerce business model involves reverse auctions where the consumers determine the prices of the products or services?
- (A) Consumer to Business (C2B) (B) Business to Business (B2B)
 (C) Consumer to Consumer (C2C) (D) Government to Business (G2B)
- (14) Which of the following E-Commerce business model is also a part of E-Governance?
- (A) Business to Business (B2B) (B) Consumer to Business (C2B)
 (C) Consumer to Consumer (C2C) (D) Government to Citizen (G2C)
- (15) 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) Business to Business (B2B) (B) Consumer to Business (C2B)
 (C) Government to Government (G2G) (D) Consumer to Consumer (C2C)
- (16) Which of the following is famous website for online auction? (March – 2015)
- (A) www.eBay.com (B) www.mybids.in
 (C) www.ubid.com (D) All of these
- (17) Which of the following E-Commerce business model refers to activities between different business partners ? (March – 2015)
- (A) G2B (B) C2B (C) B2B (D) B2C
- (18) 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
- (19) In E-Commerce, which of the following is the process of buying and selling products by offering the customers to bid the price? (March – 2015)
- (A) Marketing (B) Auction (C) Book shop (D) All of these
- (20) 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? (March – 2015)
- (A) B2B (B) C2B (C) G2G (D) C2C
- (21) What do you need first to sell an item through an online auction site? (March – 2015)
- (A) Document (B) Agreement (C) Register (D) Database
- (22) Which online stores in India is becoming quite popular of E-Commerce from the following? (March – 2015)
- (A) PayTM (B) Domino (C) Flipkart (D) All of these
- (23) Which of the following is the process of buying and selling products by offering the customers to bid the price? (Oct – 2015)
- (A) E-marketing (B) Marketing (C) E-selling (D) Auction
- (24) Which of the following is not an example of online bookstore website? (Oct – 2015)
- (A) www.bookshopofindia.com (B) www.mybookacc.com
 (C) www.buybooksindia.com (D) shopping.indiatimes.com
- (25) Education institutes provides examination result, online enrolment forms etc. Through internet is an example of which type of online services? (Oct – 2015)
- (A) Educational board services (B) Support services
 (C) Educational services (D) Information services
- (26) Which of the following factor is playing role for the growth of e-commerce in India ? (Oct – 2015)
- (A) Increase in use of mobiles devices (B) Available of much wider product range
 (C) Lack of time for traditional shopping (D) All of these

- (27) E-Commerce provides which of the following benefit to the society? (Oct – 2015)
 (A) Buy from home, office or any place (B) Health care services
 (C) Distance learning and education (D) All of these
- (28) Which of the following website is not an example of E-Commerce business model B2C?(Oct–15)
 (A) flipkart.com (B) fabmart.com (C) tradeindia.com (D) rediff.com
- (29) Which of the following E-Commerce business model refers to E-commerce activities between different business partners? (Oct – 2015)
 (A) C2B (B) C2C (C) B2C (D) B2B
- (30) eBay.com, OLX.com and Quikr.com website are example of which E-Commerce business model? (Oct – 2015)
 (A) C2B (B) C2C (C) B2C (D) B2B
- (31) Which of the following is an advantage of E-Commerce? (Oct – 2015)
 (A) Security (B) Privacy (C) Teamwork (D) All of these
- (32) On the website of Indian Railways after reservation, e-ticket is sent via which of the following? (Oct – 2015)
 (A) E-mail (B) SMS (C) Both (A) and (B) (D) None of these
- (33) Software companies provide which type of online services to their customers for any problem in installation, configuration or use? (Oct – 2015)
 (A) Information services (B) Support service (C) Payment service (D) None of these
- (34) Which of the following is not a common feature of traditional commerce? (Oct – 2015)
 (A) Hiring of sales persons, sales manager and many more.
 (B) Reduces the per transaction cost.
 (C) No sharing of information with competitor.
 (D) Operates within a certain period of time.
- (35) Which of the following is referred as online non commercial communication between the government agencies, organizations and departments with other government agencies, organizations and departments? (Oct – 2015)
 (A) G2B (B) G2C (C) G2G (D) All of these
- (36) Which is a famous online bookstore? (March – 2016)
 (A) www.amazon.com (B) www.irctc.com (C) tradeindia.com (D) bidstall.com
- (37) From the following which are the example of B2C E-commerce business models? (March – 2016)
 (A) fabmart.com (B) flipkart.com (C) amazon.com (D) All of these
- (38) From the following which is a limitation of E-Commerce? (March – 2016)
 (A) Conduct Business 24 x 7 (B) Speed
 (C) No boundaries of geographical limitations (D) Security
- (39) Which model refers to E-commerce activities between different business partners? (March–16)
 (A) Government to Business (B) Consumer to Consumer
 (C) Business to Business (D) Business to Consumer
- (40) From the following who represents B2B E-commerce business model? (March – 2016)
 (A) www.tradeindia.com (B) www.comodity.com
 (C) Both (A) and (B) (D) JeetLe.in
- (41) From the following which E-commerce business model involves reverse question where the consumers determine the prices of the product or services? (March – 2016)
 (A) Online auction (B) Register (C) Shop of books (D) Sales and Marketing

- (42) Which network developed by the Gujarat Government provides information regarding various government departments, different application forms to be used to citizens? (March – 2016)
(A) GSWAN (B) MSWAN (C) ASWAN (D) PSWAN
- (43) Which of the following is not a property of E-Commerce? (Oct – 2016)
(A) Spreads across many other developing area for doing business and other activities.
(B) Auction of goods. (C) Spreads to limited area only. (D) Trading of goods.
- (44) E-newspaper is a newspaper that exists on the internet in which of the following form?
(Oct – 2016)
(A) Traditional form (B) Hard form (C) Digital form (D) Text form
- (45) Which of the following banking is the process of conducting the banking transaction over the internet? (Oct – 2016)
(A) Online (B) Offline (C) Mainline (D) Interlink
- (46) Which of the following factors is not playing an important role for the growth of E-Commerce in India? (Oct – 2016)
(A) Electronic devices without Internet like computer, mobile and tablet.
(B) Availability of much wider product range.
(C) Busy lifestyles for traditional shopping.
(D) Increase in use of mobile devices.
- (47) Which of the following is not an advantage of E-Commerce? (Oct – 2016)
(A) Eliminate travel time and cost (B) Lack of trust
(C) Speed (D) Conduct business 24 x 7
- (48) Which of the following Business model refers to business and organization that sells products or services to consumers over the internet using websites? (Oct – 2016)
(A) C2B (B) B2B (C) C2C (D) B2C
- (49) Which of the following is example of B2C website ? (Oct – 2016)
(A) fabmart.com (B) tradeindia.com (C) commodity.com (D) bidstall.com
- (50) Which of the following business model enables the business to form E-Relationship with their suppliers, distributors and other agents? (Oct – 2016)
(A) C2B (B) B2B (C) G2B (D) B2B
- (51) Which of the following network is developed by Gujarat Government ? (Oct – 2016)
(A) GSWEN (B) GSWWW (C) GSWON (D) GSWAN

*_*_*_*_*_*

STANDARD : 12 | Computer Studies

5. Introduction to M-Commerce

STUDENT'S NAME _____ **DIV.** _____ **ROLL NO.:** _____

(1) 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

(2) Which of the following is the use of technologies which provide the location information for business purpose?

- (A) E – Commerce (B) M – Commerce
(C) L – Commerce (D) Traditional Commerce

(3) Which of the following stands for GPS?

- (A) Global Positioning System (B) Global Postal System
(C) Grand Positioning System (D) Google Positioning System

(4) Which of the following security aspect refers to the secrecy of the information so that unauthorized user cannot read it?

- (A) Confidentiality (B) Integrity
(C) Non – repudiation (D) Authorization

(5) Which of the following security aspect ensures that the information must not be accidentally or maliciously altered or tampered in transit ?

- (A) Confidentiality (B) Integrity (C) Non-repudiation (D) Authorization

(6) Which of the following security aspect ensures that only authentic users are allowed to use the system?

- (A) Authorization (B) Confidentiality
(C) Non-repudiation (D) Integrity

(7) Which of the following security aspect ensures that the sender of the message cannot deny that he/she has sent the message?

- (A) Authorization (B) Confidentiality (C) Non-repudiation (D) Integrity

(8) Which of the following is a program that uses Internet to record information that passes through a computer or router in transit from sender to receiver?

- (A) Sniffer (B) Denial of service attack
(C) Malicious code (D) Spoofing

(9) Which of the following is an attack used to shut down a machine or network, making it inaccessible to its intended users?

- (A) Malicious code (B) Denial of service (C) Spoofing (D) Cyber vandalism

(10) Which of the following is known as electronic defacing of an existing website page?

- (A) Cyber vandalism (B) Denial of service (C) Spoofing (D) Malicious code

(11) Which of the following is pretending to be someone you are not, or representing a website as authentic when it is actually a fake?

- (A) Cyber vandalism (B) Malicious code
(C) Denial of service (D) Spooofing

(12) 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) Antivirus software (B) Digital certificate
(C) Firewall (D) Cryptography

(13) Which of the following is the transformation of normal text known as "plain text" into unreadable or secret text known as "chipper text" using encryption algorithm?

- (A) Firewall (B) Encryption
(C) Antivirus software (D) Digital certificate

(14) Which of the following is the transformation of encrypted text back into normal text ?

- (A) Firewall (B) Digital certificate (C) Decryption (D) Virus

(15) Which of the following is a protocol used for securing web transactions on the Internet?

- (A) TCP/IP (B) HTTP (C) Bluetooth (D) SSL

(16) Who developed SSL protocol?

- (A) Google (B) Netscape (C) Yahoo (D) Firefox

(17) Which of the following starting address indicates that site is secured by SSL protocol?

- (A) http:// (B) ssl:// (C) https:// (D) http-ssl://

(18) Which of the following provides the author with a tool to protect his/her original work from being used or taken by others without permission ?

- (A) Trademark (B) Copyright
(C) Digital watermarking (D) Steganography

(19) Which of the following is a specific logo, mark, word, symbol, design, phrase or image which is used by an individual or a company to distinguish a product or service from that of others in the market?

- (A) Trademark (B) Copyright
(C) Digital watermarking (D) Steganography

(20) 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

- (21) Which of the following is the process of hiding information within other information?
- (A) Squatting (B) Steganography
(C) Name changing (D) Copyright
- (22) Which of the following is a digital code inserted into a digital image, audio or video file which can identify the file's copyright information?
- (A) Image mark (B) Digital mark (C) Code mark (D) Water mark
- (23) Who issues the credit card and guarantees the payment to the merchant?
- (A) Merchant (B) Issuing bank (C) Acquiring bank (D) Customer
- (24) Which of the following payment card has a microchip embedded in its surface?
- (A) Smart card (B) Debit card (C) Credit card (D) Charge card
- (25) 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://
- (26) Which of the following is not a limitation of M-Commerce?
- (A) Limited computing power, memory, storage
(B) Operates over wireless networks
(C) High cost of establishing
(D) Contacted at virtually any where
- (27) 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) Authorizatio (D) Non-repudiation
- (28) In which part is the online payment through credit card on internet divided ?
- (A) Authorization (B) Settlement
(C) Both (A) and (B) (D) Smart card
- (29) 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
- (30) 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
- (31) Which of the following is an example of M-Commerce application?
- (A) Mobile Marketing and Advertising (B) Mobile Ticketing
(C) Mobile Entertainment (D) All of these

(32) Which of the following refers to the stock market services offered via mobile devices?

- (A) Mobile investment (B) M – share
(C) M - transaction (D) Mobile brokerage

(33) Which of the following is not an example of location based services?

- (A) Tracking services (B) Navigation
(C) Directory services (D) None of these

(34) Major credit card companies use which security system to make online transaction secure?

- (A) SFTP (B) SET (C) SHTP (D) HTTPS

(35) Which of the following is known as electronic defacing of an existing website page?

- (A) Malicious code (B) Denial-of-service
(C) Spoofing (D) Cyber vandalism

(36) Which of the following is the network protection barrier most commonly used between the company's network and the outside world ?

- (A) Cryptography (B) Antivirus
(C) Digital Certificate (D) Firewall

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

- (A) Hidden text (B) Decryption
(C) Cryptography (D) Digital text

(38) Which of the following symbol is not used for trademark?

- (A) SM (B) TM (C) (c) (D) C

(39) What is known as the process of hiding information within other information?

- (A) Watermarking (B) Steganography (C) Copyright (D) Cryptography

(40) The payment cards can be classified into which of the following type?

- (A) Credit card (B) Debit card (C) Smart card (D) All of these

(41) Which of the following entity pay role in online payment?

- (A) Payment gateway (B) Processor (C) Both (A) and (B) (D) Customer

(42) Which making payment through which the customer is not required to provide the credit/debit card number?

- (A) Debit card (B) E-wallet (C) Charge card (D) Smart card

(43) What refers to buying and selling by mobile phone?

- (A) M-Shop (B) M-Business (C) M-Commerce (D) Phone-Shop

(44) Which of the following security aspects of E-commerce/M-commerce ensures that the information must not be accidentally or maliciously altered or tampered in transit?

- (A) Confidentiality
(C) Non-repudiation
- (B) Integrity
(D) Authorization

(45) From the following which is internet security threat in which there is electronic detaching of an existing web page?

- (A) Malicious code
(C) Cyber Vandalism
- (B) Sniffing
(D) Denial of service attach

(46) What is an art of transformation of normal text known as "plain text" into unreadable or secret text known as "Cipher text"?

- (A) Firewall
(C) Decryption
- (B) Encryption
(D) Digital certificate

(47) Who developed SSL protocol which is used to securing web transaction on the Internet?

- (A) Firefox
(B) Yahoo
(C) Netscape
(D) Google

(48) Who provides the author with a tool to protect his/her original work from being used or taken by others without permission?

- (A) Copyright
(C) Steganography
- (B) Trademark
(D) Digital Watermarking

(49) Who issues the credit card and guarantees the payment to the merchant?

- (A) Issuing bank
(C) Both (A) and (B)
- (B) Acquiring bank
(D) Master bank

(50) Which of the following card stores 100 times more information than the normal card ?

- (A) Credit card
(B) Debit card
(C) Smart card
(D) Charge card

(51) Which of the following is not a symbol for trademark?

- (A) TM
(B) SM
(C) PM
(D)

(52) Which of the following is the process of hiding information with in other information?

- (A) Copyright
(B) Steganography
(C) Squatting
(D) Cyber vandalism

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

- (A) Electronic Fund Travelers
(C) Electronic Fund Tracer
- (B) Electronic Fund Transaction
(D) Electronic Fund Transfer

(54) Which of the following protocol is used for securing web transactions on the internet?

- (A) SSA
(B) SSP
(C) SSL
(D) SST

(55) Which of the following is the transaction of normal text known as “plain text” into unreadable or secret text known as “cipher text” using encryption algorithm?

(A) Encryption

(B) Decryption

(C) Digital Certificate

(D) Firewall

(56) Which of the following is the transformation of encrypted text back into normal text?

(A) Digital Certificate

(B) Firewall

(C) Encryption

(D) Decryption

*_*_*_*_*_*_*_*_*_*

EduAcademy

Chapter 6 Object Oriented Concepts

Unit Test 2018 (Std. 12th E.M.)

STUDENT'S NAME : _____ DIV. _____ ROLL NO.: _____

Textbook Exercise

- (1) In Object-oriented methodology, the focus is on which of the following entities?
(A) Data (B) Functions (C) Object (D) All of these
- (2) Which of the following best suits to Java?
(A) A procedural programming language (B) An Object-oriented programming lang.
(C) A Query language (D) All of these
- (3) Which of the following is used to distinguish objects from each other?
(A) Attributes (B) State (C) Behavior (D) All of these
- (4) Which of the following is used to define common features of similar objects?
(A) Class (B) Object (C) Methods (D) All of these
- (5) Which of the following is not a visibility symbol?
(A) ~ (B) * (C) # (D) –
- (6) Which of the following is provided using encapsulation?
(A) Data protection (B) Data sharing
(C) Separation of data and methods (D) All of these
- (7) Which of the following is enabled by data abstraction?
(A) Data protection
(B) Data hiding
(C) To hide implementation details of method manipulating the data
(D) All of these
- (8) With which of the following options polymorphism cannot be achieved?
(A) Method overloading (B) Operator overloading
(C) Data hiding (D) All of these
- (9) An aggregation model refers to which of the following relationships?
(A) 'is –a' relationship (B) 'is – like' relationship
(C) 'a – part – of' relationship (D) All of these (* has-a relationship)
- (10) An inheritance model refers to which of the following relationships?
(A) 'is –a' relationship (B) 'is – like' relationship
(C) 'a – part – of' relationship (D) All of these
- (11) In class diagram, composition is represented using which of the following symbols?
(A) Empty diamond symbol (B) Filled diamond symbol
(C) Empty triangle symbol (D) All of these
- (12) Which of the following is not visibility sign in class diagram?
(A) ~ (B) * (C) # (D) –
- (13) Which of the following is the part of object oriented class diagram?
(A) Data Encapsulation (B) Data Abstraction
(C) Polymorphism (D) All of these
- (14) In Object oriented methodology, the focus is on which of the following entity?
(A) Data (B) Functions (C) Object (D) All of these

- (15) 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 these
- (16) What enables to represent and protect data in which the implementation details are hidden?
 (A) Data Encapsulation (B) Data Abstraction
 (C) Both (A) and (B) (D) Polymorphism
- (17) What is called new class in object oriented terminology?
 (A) Sub class (B) Child class (C) Derived class (D) All of these
- (18) 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
- (19) What object oriented program, attribute that describe the object are known?
 (A) Behaviour (B) Method (C) Data field (D) State
- (20) Which of the following programming language does not support object-oriented programming?
 (A) asp.net (B) Java (C) PHP (D) C
- (21) The way of programming can be divided into how many categories?
 (A) 2 (B) 3 (C) 4 (D) 5
- (22) Which of the following is used to define common feature of similar objects?
 (A) Class (B) Method (C) Object (D) Messaging
- (23) In Class diagram, a class is represented using which of the following?
 (A) name (B) behaviour (C) attributes (D) All of these
- (24) In UML, visibility can be represented using which of the following symbols?
 (A) +, /, ~, * (B) -, #, +, _ (C) -, #, *, \$ (D) , #, +, -
- (25) In Object oriented programming, which of the following property keeps the data safe from unintended actions and inadvertent access by outside objects ?
 (A) Messaging (B) Polymorphism (C) Encapsulation (D) Data abstraction
- (26) In Object oriented programming, which of the following property enables to represent data in which the implementation details are hidden ?
 (A) Composition (B) Aggregation (C) Data abstraction (D) Messaging
- (27) Which feature of object oriented programming allows defining more than one method having same name but different signature in single class ?
 (A) Messaging (B) Method overloading
 (C) Aggregation (D) Encapsulation
- (28) Polymorphism is achieved using how many types of overloading?
 (A) 6 (B) 3 (C) 4 (D) 2
- (29) When objects of one class are composed of objects of other class is called what?
 (A) Aggregation (B) Encapsulation (C) Inheritance (D) Polymorphism
- (30) Aggregation represents which type of relationship between two classes?
 (A) exclusive (B) non-exclusive (C) same (D) None of these
- (31) What is known as the class that is contained in owner class?
 (A) Subject class (B) Part class (C) Aggregated class (D) All of these
- (32) In Object oriented terminology, sub class or child class or derived class indicated what for

inheritance?

- (A) Base class (B) Existing class (C) Super class (D) New class

(33) In class diagram, which of the following symbol is used to represent inheritance?

- (A) Empty diamond symbol (B) Filled diamond symbol
(C) Arrow symbol (D) None of these

(34) In inheritance, which type of relationship exists between super class and sub class?

- (A) a kind of (B) exclusive (C) is-like (D) non-exclusive

12 (General) | March – 2016

(35) When did object-oriented programming start?

- (A) 1950 (B) 1960 (C) 1970 (D) 1980

(36) From the following what is best suited for Java?

- (A) Procedural programming language (B) Query language
(C) Object oriented programming language (D) Structured oriented language

(37) From the following what is a template for multiple objects with similar features?

- (A) Attribute (B) Behaviour (C) Class (D) Method

(38) Unified Modelling Language (UML) defined and maintained by whom?

- (A) IMG (B) PMG (C) OMG (D) CMG

(39) Which of the following is enabled by data abstraction?

- (A) Data protection (B) Data hiding
(C) To hide implementation details of method (D) All of these

(40) In object oriented programming, data and methods that manipulate data are guarded against modification or misuse by other components of program are known as what ?

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

(41) In class diagram, Aggregation is represented using which of the following symbols?

- (A) Empty diamond symbol (B) Filled diamond symbol
(C) Empty triangle symbol (D) All of these

(42) In object oriented terminology, existing class is also known as which class in inheritance?

- (A) Super class (B) Parent class (C) Sub class (D) (A) or (B)

(43) In which year, object oriented programming concepts started originating?

- (A) 1960 (B) 1970 (C) 1980 (D) 1990

(44) The way of programming is divided into how many categories?

- (A) 2 (B) 3 (C) 4 (D) 5

(45) A computer language is object oriented, if they support which of the following object properties?

- (A) Abstract, Extract, Concept, Inheritance
(B) Abstraction, Encapsulations, Polymorphism, Inheritance
(C) Abstraction, Extract, Polymorphism, Inheritance
(D) Abstraction, Capsulation, Polymorphism, Heritance

(46) Which of the following presents a collection of classes, constraints and relationship among classes ?

- (A) Object diagram (B) Group diagram
(C) Model diagram (D) Class diagram

(47) In UML notation, visibility can be private, protected, public and package, where protected is represented using which symbol ?

- (A) + (B) – (C) # (D) ~

(48) Which of the following members of the class are not available directly to outside world?

- (A) Public (B) Private (C) Protected (D) Package

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

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

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

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

(51) Which of the following feature of object oriented programming allows defining more than one method having same name but different signature in a single class ?

- (A) Method underloading (B) Method overloading
(C) Method uploading (D) Method downloading

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

- (A) Aggregation (B) Composition (C) Encapsulation (D) Messaging

(53) Aggregation represents which type of relationship between classes?

- (A) is-a (B) is-a-kind-of (C) have-a (D) has-a

(54) In Object oriented terminology new class is called sub class or child class or derived class, whereas the existing class is called as what ?

- (A) User class (B) Top class (C) Upper class (D) Super class

(55) Which of the following refers to the capability of defining a new class of objects that inherits the characteristics of another existing class?

- (A) Encapsulation (B) Inheritance (C) Messaging (D) Abstract

(56) What is the full form of ADT?

- (A) Absolute Data Type (B) Above Data Types
(C) Abstract Data Types (D) Abstract Data Transfer

(57) Which of the following power of programming language who enables the programmer to create modular, reusable and extendable code?

- (A) Procedure language programming (B) Object oriented programming
(C) Object open programming (D) Procedure programming

Chapter 7 Java Basics
Unit Test 2018 (Std. 12th E.M.)

STUDENT'S NAME : _____ DIV. _____ ROLL NO.: _____

Textbook Exercise

- (1) How many basic (primitive) data types are supported in Java?
(A) 2 (B) 4 (C) 8 (D) 16
- (2) What is the default data type of floating point literal?
(A) int (B) long (C) float (D) double
- (3) Which character set is used for char data type in Java?
(A) Unicode (B) ASCII (C) EBCDIC (D) All of these
- (4) Which of the following is compiled error free?
(A) for (;;) {int i=7} (B) while (1) {int i=7}
(C) while (True) {int i = 7} (D) All of these
- (5) Which of the following is not allowed as first character in valid variable name?
(A) Underscore (_) (B) Digit (C) Letter (D) Dollar (\$)
- (6) Which of the following is not a basic data type in Java?
(A) char (B) long (C) byte (D) String
- (7) What is the default value of boolean type data?
(A) null (B) true (C) false (D) 0
- (8) What will be the result of arithmetic expression $7/2$?
(A) 3 (B) 3.5 (C) 1 (D) 0
- (9) What will be the result of arithmetic expression $-7\%2$?
(A) -3 (B) -1 (C) 1 (D) -3.5
- (10) What will be the result of arithmetic expression $-7.5\%2$?
(A) -3 (B) -1.5 (C) 1.5 (D) Error
- (11) What sign is used for creating API documentation from the code?
(A) // (B) /* */ (C) /** */ (D) \\
- (12) In Java, which of the following looping is exist controlled?
(A) for (B) while
(C) do.....while (D) if.....then.....else
- (13) In Java, which of the following is not allowed as first character in valid variable name?
(A) _ (Underscore) (B) Digit (C) Letter (D) \$ (Dollar)
- (14) What is known as when program written in Java are compiled in to machine language for a computer?
(A) Java Visible Machine (B) Java Virtual Machine
(C) Java View Modifier (D) Java Visible Modifier
- (15) What is known as post decrement in Java when operator is used after variable name?
(A) ++ (B) -- (C) == (D) =<
- (16) By using which extension file java interpreter byte code executes?
(A) .java (B) .class (C) .txt (D) .html
- (17) 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 (B) Nested if (C) Control (D) Repeat

- (18) What kind of the primitive data types are provided in Java from the following?
 (A) boolean (B) double (C) char (D) All of these
- (19) What is the value of float data type in Java?
 (A) Integer (B) Real (C) Character (D) Boolean
- (20) In Java what will be the result of arithmetic expression $-7.5\%2$?
 (A) -3 (B) -1.5 (C) 1.5 (D) Error
- (21) Java language is developed by which company?
 (A) Sun Microsystem (B) Sun Java System
 (C) Sun system (D) Sun Microsoft
- (22) The machine language for the Java Virtual Machine is called what?
 (A) Code Byte (B) Type code (C) Java Bytecode (D) Java code
- (23) While creating Java what must be the same?
 (A) folder name, file name (B) class name, extension
 (C) class name, folder name (D) class name, file name
- (24) When the program gets compiled without error, compiler creates a file with which extension ?
 (A) .comp (B) .txt (C) .java (D) .class
- (25) The process of compiling and executing a Java application is as follows. What is missing from given chart ?
 Java source file (.java) Java compiler (javac) ? JVM – Java Interpreter (java)
 (A) Java class (*.exe) (B) Java textcode (*.txt)
 (C) Java Bytecode (*.class) (D) Java typecode (*.obj)
- (26) Which of the following is right way to define variable?
 (A) \$age (B) discount rate (C) 4youpeople (D) %discount
- (27) String literals is a sequence of characters enclosed in which quotes?
 (A) ' ' (B) " " (C) () (D) { }
- (28) Which of the two symbols are used in the conditional operator in Java?
 (A) : and * (B) # and ? (C) ? and : (D) / and ?
- (29) While using shorthand version of assignment, if it is defined as $a += b$, where a is 7 and b is 8, then what will result of a?
 (A) 8 (B) 49 (C) 14 (D) 15
- (30) When two operators are having different priority, then an operator with higher precedence is operated
 (A) first (B) last (C) second (D) middle
- (31) What will be output of following program?

```

class abc
{
public static void main (string [] S)
{
for (int i=0; i<10; i++)
{
SYSTEM.out.println(i);
}
}
}

```


(A) Error

(B) i

(C) Display 1 to 10

(D) 1, 2, 3, 10

(32) Control structure branches are used to choose among two or more possible courses of action, is called as what?

(A) More structure

(B) Loop structure

(C) Addition structure

(D) Selective structure

(33) Switch statement can be stopped using which statement?

(A) break

(B) run

(C) loop

(D) error

(34) do..... while loop is which type of loop?

(A) Loop controlled

(B) Break controlled

(C) Exit controlled

(D) Entry controlled

(35) To use a labeled loop, which symbol is added before the loop?

(A) *

(B) \$

(C) :

(D) #

(36) In Java, the text written in /* */ is considered as what?

(A) Method

(B) Comment

(C) Function

(D) Variable

(37) User can create Java source file by usingapplication.

(A) SciTE editor

(B) ASCII text editor

(C) Both (A) and (B)

(D) None of these

(38) The definition of the method (function) in Java consists of function header and the sequence of statement enclosed in which bracket?

(A) { }

(B) < >

(C) ()

(D) []

(39) Java supports how many primitive data types?

(A) 3

(B) 8

(C) 4

(D) 7

(40) Which of the following data type is used for real numbers?

(A) short

(B) char

(C) long

(D) double

(41) From the following which is considered as one of the ideal language for distributing executable program and also general purpose programming language for developing programs that are easily usable and portable across different platforms ?

(A) C language

(B) Java

(C) Visual Basic

(D) JavaScript

(42) Which extension is used to source file of Java language, written in a text editor?

(A) .class

(B) .html

(C) .jpg

(D) .java

(43) From the following which methods are used to display results?

(A) System.out.print()

(B) System.out.println()

(C) Both (A) and (B)

(D) System.print.display()

(44) In Java, the program is compiled without any error, which command is used to execute it?

(A) Tools Go

(B) Tools Run

(C) Tools Build

(D) Tools Compile

(45) How many primitive data types are there in Java?

(A) 5

(B) 6

(C) 7

(D) 8

(46) From the following which are the examples of reserved words in Java?

(A) class

(B) public

(C) static

(D) All of these

(47) A name used for a constant value is known as what in Java?

(A) String

(B) Array

(C) Literal

(D) Class

(48) Which sign is used to insert single line comment in Java?

(A) /* and */

(B) /** and */

(C) //

(D) #

(49) From the following which is not logical operator in Java?

- (A) AND (B) OR (C) NOT (D) Equal to
- (50) From the following which is true syntax of conditional operator?
 (A) <exp>=<exp1>=<exp2> (B) <exp>?<exp1>:<exp2>
 (C) <exp>;<exp1>?<exp2> (D) <exp>=<exp1>:<exp2>
- (51) In Java, at which level platform – independence is possible due to bytecode interpreter?
 (A) Browser (B) Source (C) Machine (D) Binary
- (52) In Java, the machine language for Java Virtual Machine is known as which code?
 (A) Java filecode (B) Java bytecode (C) Java intcode (D) Java sourcecode
- (53) To compile the java program we have to type what in front of source file name?
(A) javac filename.java (B) javac filename\ (C) javac filename.html (D) javac filename.java
- (54) If Java program is compiled without any error we can execute it in SciTE editor by which menu - option ?
 (A) Compile Run Go (B) Edit Go (C) Tools Go (D) File Go
- (55) Java supports how many primitive data types?
 (A) 2 (B) 4 (C) 6 (D) 8
- (56) What is the storage space for datatype float in Java?
 (A) 1 byte (B) 2 byte (C) 4 byte (D) 8 byte
- (57) Real numbers in Java are compliant with which of the following?
 (A) IEE 36 (B) IEE 16 (C) IEEE 780 (D) IEEE 754
- (58) In Java, variable name should begin with which of the following?
 (A) Alphabet (B) Underscore (_) (C) Dollar sign (\$) (D) All of these
- (59) In Java, a name used for constant value is known as what?
 (A) String return (B) Literal (C) Unicode Quote (D) ASCII
- (60) Java 7 also supports binary numbers, using digits 0 and 1 but it should be prefix by which of the following ?
(A) 0b or 0B (B) B (C) B1 (D) B0
- (61) In Java, for type boolean there are precisely two literals, which are they?
 (A) Y and N (B) 0 and 1 (C) True and False (D) Yes and No
- (62) In Java, characters are stored by how many bit Unicode characters?
 (A) 4 - bit (B) 8 – bit (C) 16 – bit (D) 32 - bit
- (63) String literals in Java is a sequence of characters which can be enclosed in which of the following ?
 (A) \$ \$ (B) “ ” (C) ` ` (D) ‘ ‘
- (64) In Java, documentation comments begins and ends with which of the following?
(A) /** */ (B) /* */ (C) /* / (D) //
- (65) Arithmetic operators in Java, can be applied on which numeric data?
 (A) short (B) float (C) byte (D) All of these
- (66) In Java, which of the following is known as unary operators for increment and decrement operators?
 (A) >= and <= (B) + and – (C) == and != (D) ++ and --
- (67) Which of the following is considered as comparison operator in Java?
 (A) = (B) / (C) % (D) !=
- (68) In Java, logical operators are also called which of the following operators if they operate on Boolean operands ?
 (A) Assignment operator (B) Boolean operator (C) Increment operator (D) Relational operator

(69) In Java, conditional uses which two symbols in expression to delimit three operands?

(A) ? and *

(B) . and :

(C) ? and :

(D) : and ;

(70) In Java, a block statement is a group of statements enclosed between which pair of braces?

(A) [/ /]

(B) { }

(C) ()

(D) []

EduAcademy

Chapter 8 Classes and Objects in Java

Unit Test 2018 (Std. 12th E.M.)

STUDENT'S NAME : _____ DIV. _____ ROLL NO.: _____

Textbook Exercise

(1) Which of the following defines attributes and methods?

- (A) Class (B) Object (C) Instance (D) Variable

(2) Which of the following keyword is used to declare Class variables and class methods?

- (A) static (B) private (C) public (D) package

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

- (A) dot (.) (B) new (C) colon (:) (D) assignment (=)

(4) Which of the following method can be called without creating an instance of a class?

- (A) Instance method (B) Class method

- (C) Constructor method (D) All of these

(5) Which of the following refers more than one method having same name but different parameters?

- (A) Overloaded methods (B) Overridden methods

- (C) Duplicate methods (D) All of these

(6) Which method is invoked automatically with creation of an object?

- (A) Instance method (B) Constructor

- (C) Class method (D) All of these

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

- (A) extends (B) super

- (C) name of the superclass (D) new

(8) Which of the following is used to invoke an instance method in Java?

- (A) The name of the object, colon (:) and the name of the method

- (B) The name of the object, dot (.) and the name of the method

- (C) The name of the class, colon (:) and the name of the method

- (D) The name of the class, dot (.) and the name of the method

(9) Which of the following is accessible by instance methods?

- (A) Only instance variables (B) Only class variables

- (C) Both (A) and (B) (D) None of these

(10) When methods in the superclass and subclass have same name and signature, what are they called ?

- (A) Overloaded methods (B) Overridden methods

- (C) Inherited methods (D) All of these

12 (General) | March – 2015

(11) 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) Both (A) and (B) (D) None of these

(12) 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

(13) In Java which method is invoked automatically with creation of an object ?

- (A) Instance method (B) Constructor
(C) Class method (D) All of these

(14) How does the Constructor differ from general method in Java ?

- (A) It must have the same name as class.
(B) It does not have return type.
(C) It can't be invoked explicitly in the program.
(D) All of these

(15) How many levels of visibility are used to protect a method or variable from such reference in Java?

- (A) 1 (B) 2 (C) 3 (D) 4

(16) From which of the following operators can we access instance variables and instance methods?

- (A) , (Comma) (B) . (Full stop) (C) : (Colon) (D) ; (Semi colon)

(17) In Java class, in which step a new keyword is used to create the object by allocating memory ?

- (A) Declaration (B) Instantiation (C) Initialization (D) All of these

(18) In Java, by which component is the class generally made up of ?

- (A) Attributes (B) Behaviour (C) Both (A) and (B) (D) Variable

(19) How do you identify 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) None of these

(20) In Java, which of the following defines attributes and methods?

- (A) Class (B) Object (C) Instance (D) Variable

12 (Science) | March – 2015

(21) Java class is generally made up of which components?

- (A) behaviour, variable (B) attributes, behaviour
(C) name, attributes (D) name, variable

(22) A variable declared using class type can store what to an object?

- (A) relation (B) root (C) rate (D) reference

(23) In Object-oriented programming languages, creating an object is also called as what?

- (A) Object instantiation (B) Oriented installation
(C) Installation (D) Project installation

(24) Whenever two classes have a 'is-a' relationship, what is used?

- (A) Instant (B) Relations (C) Inheritance (D) Invalue

(25) Which class inherits all instance variables and methods from super class and it may have its own added variables and methods ?

- (A) Out class (B) Super class (C) In class (D) Sub class

(26) Which keyword is used to call the constructor of super class in the constructor of sub class?

- (A) super (B) void (C) sub (D) class

(27) A sub class can be derived from which class?

(A) over class (B) super class (C) main class (D) own class

(28) Instance variables and instance methods are accessed via objects. They can be referred by using which operator?

(A) // (B) dot (.) (C) \$ (D) #

(29) Which type of variables are defined within a class but outside any method?

(A) Class variable (B) Empty variable
(C) Local variable (D) Instance variable

(30) In Java, we can have different methods that have the same name but a different signature is also called as what ?

(A) Method overloading (B) Variable overloading
(C) Class overloading (D) Signature overloading

(31) To provide an user defined no-argument constructors, which of the following command is used ?

(A) school (float l, float j); (B) school (int i);
(C) school () { }; (D) school { } ();

(32) Who established a “has – a” relationship between class?

(A) Composition and Aggregation (B) Method and Object
(C) Relation and Method (D) Inheritance and Aggregation

(33) Java have a that looks for unused objects and reclaims the memory that those objects are using.

(A) reclaim collector (B) unused collector
(C) memory collector (D) garbage collector

(34) The word polymorphism means what?

(A) Many forms (B) Virtual forms (C) One form (D) User forms

(35) Which of the following is syntax of package?

(A) package {Name} (B) package (Name);
(C) package <Package Name>; (D) package [Variable name];

(36) Which of the following is special kind of method that is invoked when a new object is created?

(A) Common class (B) Super class (C) Composition (D) Constructors

(37) Which are the for P's used in the four levels of visibility to provide necessary protection?

(A) Process, Private, Protected, Public (B) Public, Package, Protected, Private
(C) Public, Package, Protected, Process (D) Private, Package, Protected, Public

(38) Highest level of protection can be achieved by using which protection level?

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

(39) If we want to follow other methods to read only the data value method can be used.

(A) setter (B) updater (C) reader (D) getter

(40) Who allows us to build new class with added capabilities by extending existing class?

(A) Inheritance (B) Instant (C) Inheritance (D) Instance

12 (General) | March – 2016

(41) In Java, a class is defined using which keyword?

(A) class (B) public (C) static (D) main

(42) Which steps are followed to create an object from a class?

(A) Declaration (B) Instantiation (C) Initialization (D) All of these

(43) In Object oriented programming (OOP) languages what is known for creating an object?

(A) Object Instantiation

(B) Object creation

(C) Object Making

(D) None of these

(44) Variables defined inside methods or blocks are known as which type of variable?

(A) Local variables

(B) Instance variables

(C) Class variables

(D) Block variables

(45) Which word means “many forms”, different forms of methods with same name in Java?

(A) Inheritance

(B) Polymorphism

(C) Aggregation

(D) Composition

(46) 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 these

(47) In Java class, which operator is used to access instance variable and instance method via object ?

(A) : (colon)

(B) ; (semicolon)

(C) . (dot)

(D) , (comma)

(48) If we want to allow data to be used by others we write which type of method in Java?

(A) getter

(B) setter

(C) main

(D) void

(49) In Java, which type of visibility modifier level of protection is used to allow the access only to sub classes or to share with the methods declared as “friend” ?

(A) Public

(B) Package

(C) Protected

(D) Private

(50) Highest level of protection can be achieved by using which visibility modifiers protection level in Java?

(A) Public

(B) Package

(C) Protected

(D) Private

12 (Science) | March – 2016

(51) In Java, which of the following consist of attributes and methods?

(A) Instance

(B) Variables

(C) Object

(D) Class

(52) Which keyword is used to create the object which allocates memory in Java?

(A) new

(B) add

(C) int

(D) create

(53) In Java, what is called to initialize the newly created object?

(A) Classes

(B) Reference variable

(C) Syntax variable

(D) Constructor

(54) All instances of class allocated memory in data structure in Java and it is known as which of the following ?

(A) Directory

(B) File

(C) Heap

(D) Buffer

(55) Instance variables and instance methods in Java are accessed via objects and they can be referred by using which operator?

(A) Arithmetic operator (+)

(B) Dot operator (.)

(C) Assignment operator (=)

(D) Colon operator (:)

(56) Values of class variables are stored where in Java?

(A) Class

(B) File

(C) Instance

(D) Dir

(57) In Java, variables defined inside methods or blocks are called which variables?

(A) Global variable

(B) Instance variable

(C) Class variable

(D) Local variable

- (58) In Java, different forms of methods with same name is known as which of the following?
(A) Composition (B) Polymorphism (C) Mutators (D) Inheritance
- (59) Which access modifiers can be used before the type of variable or method in Java?
(A) Public (B) Protected (C) Private (D) All of these
- (60) By using which access modifier, allows access only to subclass or to share with the methods declared as "friend" in Java ?
(A) Package (B) Protected (C) Private (D) Public
- (61) In Java, if we want protected data to be modified by others then which methods are to be written?
(A) Accessor (B) Getter (C) Mutator (D) Both (A) and (B)
- (62) In Java, if we want to allow other methods to read only data value, if our program we should use which method ?
(A) Setter (B) Getter (C) Mutator (D) Both (A) and (B)
- (63) In Java, which of the following allows us to build new class with added capabilities by extending existing class?
(A) Aggregation (B) Polymorphism
(C) Composition (D) Inheritance
- (64) Inheritance model consist of which type of relationship between two classes in Java?
(A) is – a (B) has – a (C) have – a (D) was – a
- (65) In Java, a sub class inherits all instance variables and methods from which class?
(A) Derived class (B) Instance class (C) Super class (D) Child class
- (66) Composition and Aggregation establish which type of relationship between classes in Java?
(A) has - a (B) is – a (C) was – a (D) as – a
- (67) In Java, 'Visibility Modifiers' – 'Protected' members are available as which members in the inherited subclass?
(A) Object (B) Public (C) Instance (D) Private
- (68) In Java, while using inheritance – "Child class" can be referred to as which of the following?
(A) Sub class (B) Derived class (C) Extended class (D) All of these
- (69) Which of the following is the keyword used to refer a super class constructor in sub class constructor?
(A) Name of subclass (B) New
(C) Super (D) Extends
- (70) In Java, which variable are defined with in a class, outside any method with static keyword?
(A) Global variable (B) Class variable
(C) Instance variable (D) Local variable

Chapter 9 Working with Array and String

Unit Test 2018 (Std. 12th E.M.)

STUDENT'S NAME : _____ DIV. _____ ROLL NO.: _____

Textbook Exercise

(1) Which of the following refer to the starting index value in arrays?

(A) 0 (B) 1 (C) Null (D) All of these

(2) What is the size of second dimension in an array sales [5] [12]?

(A) 5 (B) 12 (C) 60 (D) 10

(3) What will expression sales.length return for an array sales [5] [12]?

(A) 5 (B) 12 (C) 60 (D) 120

(4) When an array sales [5] [12] is declared without specifying initial values, what is the initial value of sale [0] [0] ?

(A) 0 (B) default value (C) compilation error (D) 60

(5) What does 'length' refer to for an object of String class?

(A) attribute (B) method (C) class variable (D) class name

(6) 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

(7) What type of value is returned when we use get method of Calendar class with constant DAY_OF_WEEK as an argument?

(A) int (B) char (C) string (D) boolean

12 (General) | March – 2015

(8) 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

(9) In Java which method is used to fill the whole or partial array with specified value?

(A) fill (B) sort (C) set (D) insert

(10) 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 ar[], int start, int len) (B) String (int start, int length)

(C) String (int length, int start) (D) String (char ary[], int len)

(11) 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 []

(12) 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

(13) In Java, by using which sign 1-D array is initialized to separate values of data elements in braces { } ?

(A) . (Full stop) (B) ; (Colon) (C) ; (Semi colon) (D) , (Comma)

(14) 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
- (15) In Java, how can be array elements accessed using index for each dimension in?
 (A) [] (B) () (C) { } (D) < >
- (16) 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)
- (17) 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) Both (A) and (B) (D) Define Object Method
- 12 (Science) | March – 2015
- (18) Java supports two types of strings that are handled by two classes. Which are they?
 (A) String, Buffer String (B) String, String Buffer
 (C) String, String Literals (D) String, Buffer
- (19) Which constructor can be used without arguments to create a string object with no character?
 (A) String () (B) String { } (C) String < > (D) String []
- (20) Which of the following tasks are provided by string class?
 (A) Appending string. (B) Extracting part of string.
 (C) Splitting string into sub string (D) All of these
- (21) Which of the following method returns number of characters in invoking string?
 (A) int count() (B) int lencount() (C) int length() (D) int len ()
- (22) Which of the following method is used to return a string converted to lower case?
 (A) String to Lower Case () (B) String To Lower ()
 (C) String () (D) String Lower ()
- (23) Which of the following method is used to return a string after appending 'str' with the invoking string ?
 (A) String Append()
 (B) String concat (string str)
 (C) String con Append () (D) String Append (string)
- (24) Which class encapsulate both date and time and represent the value using milli-seconds precision ?
 (A) Preci class (B) Sec class (C) Date class (D) Time class
- (25) Which of the following method is used to construct date object using current system time ?
 (A) System() (B) SystemDate() (C) date() (D) Date()
- (26) 1-D array is initialized using comma separated values of data elements using which brackets?
 (A) () (B) < > (C) [] (D) { }
- (27) Sort () and Fill () methods be used in Java by class.
 (A) java.util.Arrays (B) util.java.Arrays
 (C) Java.Array.util (D) java.arrays.util
- (28) Which type of arrays are used to store tabular data in the form of rows and columns?
 (A) 1-D (B) 2-D (C) 3-D (D) All of these
- (29) If user wants to store 15 integer values through arrays, then which of the following is used?
 (A) int m3 = new int [5] [3] (B) int m2 = new [5] [3]
 (C) int m1 = new [15] [15] (D) int m4 = m4 int [2] [3]
- (30) If 'str' is the object of string class and its content is "INDIAN FLAG"; then what is the value

of str.length()?

- (A) 11 (B) 8 (C) 10 (D) 9

(31) Which constant is used to display year of calendar?

- (A) CAL (B) YEAR CAL (C) YEAR (D) MONTH

(32) Which constant is used to display Hour in 12-hour notation?

- (A) 12 HOUR (B) HOUR 12 (C) Hour_of_day (D) HOUR

(33) Which constant is used to display Day number in the year?

- (A) DAY_OF_YEAR (B) YEAR_DAY (C) YEAR (D) DAY_YEAR

(34) Vector is used to represent dimensional data structure.

- (A) 1 (B) 2 (C) 3 (D) 4

(35) What is useful to represent vector, matrix and other multi-dimensional data?

- (A) String (B) Arrays (C) Char (D) Integer

(36) if int mark[] = {70, 90, 20} is defined, then what will be value of marks[2] ?

- (A) 20 (B) Error (C) 70 (D) 90

(37) The array variable starts its index value with what?

- (A) Null (B) 2 (C) 1 (D) 0

12 (General) | March – 2016

(38) What is a variable representing a collection of homogeneous types of elements known in Java?

- (A) String (B) Array (C) Input (D) Element

(39) Which of the following refers to the starting index value in arrays in Java?

- (A) 3 (B) 2 (C) 1 (D) 0

(40) Which type of method is used to sort entire or part of array in Java?

- (A) sort() (B) fill() (C) show() (D) search()

(41) Which syntax is used to declare 1-dimensional array?

- (A) <datatype> <arrayname> []; (B) <datatype> [] <arrayname>;

- (C) (A) or (B) (D) <arrayname> [] <datatype>;

(42) Which property is used with only array name returns the size of its first dimension in Java?

- (A) size (B) width (C) length (D) byte

(43) In Java, String literals, a sequence of characters is enclosed between which sign?

- (A) ' ' (Single quote) (B) " " (Double quotes)

- (C) < > (D) /* */

(44) In Java, from the following which string methods are provided by string class?

- (A) To compare strings (B) Combining strings, converting strings

- (C) To find length of string (D) All of these

(45) Which string method returns number of characters in invoking string in Java?

- (A) int length() (B) int byte()

- (C) int getByte() (D) int getlength()

(46) Java library provides Date class in which package?

- (A) java.lang (B) java.io (C) java.util (D) java.date

(47) Which constant defined for month of calendar of calendar class in Java?

- (A) month (B) MONTH (C) DATE (D) YEAR

(48) In Java, arrays are useful to represent which type of data?

- (A) Vector (B) Matrix
(C) Multi - dimensional (D) All of these

(49) In Java, what is used to represent 2-D data structure like table of rows and columns?

- (A) Scalar (B) Vector (C) Element (D) Matrix

(50) In Java, to declare a 1-D array we use a pair of which brackets after array name of after datatype?

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

(51) If 'str' is the object of string class and its content is "Hello" then what is the value of str.length()?

- (A) 5 (B) 6 (C) 7 (D) Error

(52) In Java, which of the following method can be used with java.util.Array class?

- (A) sort () (B) fill () (C) alert () (D) Both (A) and (B)

(53) In Java, to search an element in an array, Arrays class provides which method?

- (A) Binary search() (B) String search()
(C) Element search() (D) Line Indsearch()

(54) In Java, 2-D array can be declared in which of the following correct way?

- (A) int marks () () = new int [5] [3] (B) int marks { } { } = new int [5] [3]
(C) int marks [] [] = new int [5] [3] (D) int marks <> <> = new int [5] [3]

(55) Java supports two types of strings that are handled by which of the following class or classes?

- (A) String class (B) String Buffer class
(C) Both (A) and (B) (D) String Constructor class

(56) In Java, who creates a string object with its initial value using any argument?

- (A) String (ary [objet] []) (B) String (char ary [])
(C) String (ary [], int len) (D) String (ary ())

(57) In Java, characters are stored using how many bytes?

- (A) 16 bytes (B) 8 bytes (C) 4 bytes (D) 2 bytes

(58) Which are the methods provided by String class in Java?

- (A) To compare strings (B) Find length of strings
(C) Combining strings (D) All of these

(59) In Java which string class method returns true if invoking string is same as str?

- (A) int equals (string boolean) (B) boolean (Ignore case str)
(C) boolean equals (string str) (D) boolean (string)

(60) In Java, which string class method returns a string after appending str with the invoking string?

- (A) String combine (str) (B) String concate (string str)
(C) String add (str) (D) String join (str)

(61) Java library also provides date class in which of the following package?

- (A) java.attr (B) java.lang (C) java.expr (D) java.util

(62) In Java, which method of date class constructs date object using current system time?

- (A) getTime() (B) getDate() (C) Date() (D) DateTime()

(63) In Java, which method of date class sets new date and time of an object using elapsed time?

Chapter 10 Exception Handling in Java

Unit Test 2018 (Std. 12th E.M.)

STUDENT'S NAME : _____ DIV. _____ ROLL NO.: _____

Textbook Exercise

(1) Which of the following refers to an error condition in object-oriented programming Terminology?

(A) Anomaly (B) abbreviation (C) exception (D) deviation

(2) Which of the following is a correct word for all Java Exceptions?

(A) Errors (B) Runtime Exceptions

(C) Throwables (D) Omissions

(3) Which of the following statements is true?

(A) Exceptions are more serious than Errors.

(B) Errors are more serious than Exceptions.

(C) Errors and Exceptions are equally serious.

(D) Exceptions and Errors are the same things.

(4) Which of the following elements is not included in try block?

(A) the keyword try (B) the keyword catch

(C) the curly braces (D) statements that might cause Exceptions

(5) Which of the following block handles or takes appropriate action when an Exception Occurs?

(A) try (B) catch (C) throws (D) handles

(6) Which of the following should be within a catch block?

(A) finally block

(B) single statement that handles Exception

(C) any number of statements to handle Exception

(D) throws keyword

(7) What will happen when a try block does not generated an Exception and you have included multiple catch blocks?

(A) they all execute (B) only the first matching one executes

(C) no catch block executes (D) only the first catch block executes

(8) 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.

(9) Which of the following methods can throw an Exception?

(A) methods with throws clause (B) methods with a catch block

(C) methods with a try block (D) methods with finally block

(10) Which of the following is least important to know if you want to be able to use a method to its full potential ?

- (A) the method's return type
- (B) the type of arguments the method requires
- (C) the number of statements within the method
- (D) the type of Exceptions the method throws

12 (General) | March – 2015

(11) In Exceptional handing in Java, which is the syntax of the try block?

- (A) try { // set of statements }
- (B) try [/set of statements]
- (C) try < / set of statements >
- (D) try (//set of statements)

(12) 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 Exception handling?

- (A) finally
- (B) start
- (C) catch
- (D) stop

(13) In Java, which statement is true for "Exceptional Handling"?

- (A) try
- (B) catch
- (C) finally
- (D) All of these

(14) Which of the following elements is not included in try block in Java?

- (A) try
- (B) catch
- (C) curly braces
- (D) None of these

(15) In Java, which of the advantages of Exception handling in object oriented programming Language?

- (A) Allows maintaining normal flow of program.
- (B) Allows separate error handling code.
- (C) Assertions can be used to debug the program
- (D) All of these

(16) In Java, in how many categories can errors classified?

- (A) 1
- (B) 2
- (C) 3
- (D) 4

12 (Science) | March – 2015

(17) What is an indication of a problem that occurs during a program's execution, it usually signals an error ?

- (A) Exact
- (B) Extraction
- (C) Exception
- (D) Expectation

(18) Which type of file you are not able to create when here is a syntax error in the program and we get a compilation error ?

- (A) .txt
- (B) .html
- (C) .java
- (D) .class

(19) Which of the following is example of common syntax error?

- (A) Missing semicolon
- (B) Use of undeclared variable
- (C) Both (A) and (B)
- (D) None of these

(20) A compiler is used to convert source code into what?

- (A) Object code
- (B) ASCII code
- (C) SciTE code
- (D) Text code

(21) Java uses which keyword to write exception handler?

- (A) catch, finally, block
- (B) try, catch, except
- (C) try, except, catch
- (D) try, catch, finally

(22) Which block contains the code that is intended to handle exceptions of a particular type that were created in the associated try block ?

- (A) catch
- (B) finally
- (C) try
- (D) All of these

(23) Which of the following is syntax to throw an exception object?

- (A) throws exception_object; (B) throw exception object;
(C) Exceptionthrow object; (D) throwexception object_throw;

(24) Which code indicates whether the command or a program executed successfully or not?

- (A) Exit code : 0 (B) Exit code : 1 (C) Exit source : 0 (D) Exit source : 1

(25) Which package contains a hierarchy of classes dealing with various exceptions?

- (A) java.obi and java.class (B) java.lang and java.io
(C) java.lang and java.obi (D) exit.obi and java.class

(26) When there is an attempt to divide any number by 0 (zero) which exception is occurred while executing the program?

- (A) Zero Exception (B) Number Exception
(C) Divide Exception (D) Arithmetic Exception

(27) When here is an attempt to convert string to a number type which exception is occurred while executing the program ?

- (A) Number Format Exception (B) Format Exception
(C) Convert Exception (D) String Exception

(28) In Java, errors can be broadly classified into two categories namely and Run-time errors.

- (A) Compile time error (B) Compile syntax error
(C) Syntax time error (D) Syntax type error

12 (General) | March – 2016

(29) From the following which is an indication of a problem that occurs during a program's execution, it usually signals an error?

- (A) Console (B) Exception (C) Scanner (D) Source code

(30) Errors can be broadly classified into which types when executing of program in Java?

- (A) Compile-time errors (B) Run-time errors
(C) Both (A) and (B) (D) Linking errors

(31) In the field of computer science, which sign indicates that the command executed Successfully?

- (A) Exit code 1 (B) Exit code 0 (C) Exit code – 1 (D) All of these

(32) From the following which block is used to monitor for exceptions in Java?

- (A) Try block (B) Catch block (C) Finally block (D) All of these

(33) From the following which element is not placed in try block?

- (A) Try keyword (B) Catch keyword
(C) Curly brackets (D) Give rise to one or more exceptions

(34) Which keyword is used to explicitly throw an exception object in Java?

- (A) Try keyword (B) Catch keyword (C) Throw keyword (D) Finally

12 (Science) | March – 2016

(35) In Java, an indication of a problem that occurs during a program's execution, usually signals an error is known as which of the following ?

- (A) Exception (B) Aggregation (C) Anomaly (D) Deviation

(36) In Java, errors can be broadly classified into which category?

- (A) Compile-time errors (B) Run-time errors
(C) Both (A) and (B) (D) Arithmetic errors

(37) In Java, errors can be broadly classified into which category?
(A) .javac (B) .code (C) .obj (D) .class

(38) Which running java program in SciTE editor, which code indicates that the commands executed is successful?

(A) Exit code : 1 (B) Execute code : 1
(C) Exit code : 0 (D) Execute code : 0

(39) Which of the following package in Java, contains a hierarchy of classes dealing with Various exceptions ?

(A) java.lang (B) java.io
(C) Both (A) and (B) (D) java.package

(40) In Java, when an attempt is made to access the array element with an index value that is outside the range of array which exception class is used ?

(A) FileNotFoundException (B) ArrayIOException
(C) ArrayIndexOutOfBoundsException (D) NullArrayException

(41) In Java, an object-oriented technique for managing errors is known as which of the following?

(A) Error Definition (B) Anomaly Handling
(C) Termination Handling (D) Exception Handling

(42) In Java, try statement contains a block of statement written within which braces?

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

(43) In Java, a catch block consists of keyword catch followed by how many parameter?

(A) 1 (B) 2 (C) 3 (D) 4

(44) In Java program which block is generally used to clean up at the end of executing a try block?

(A) Event (B) Finally (C) Catch (D) Throws

(45) In Java program, which block is widely used if a file needs to be closed or a critical resource is to be released at the completion of program ?

(A) Event (B) Finally (C) Catch (D) Try

(46) In Java program, when a throw statement is encountered a search for matching which block begins ?

(A) Event (B) Finally (C) Catch (D) Try

Chapter 11 File Handling
Unit Test 2018 (Std. 12th E.M.)

STUDENT'S NAME : _____ DIV. _____ ROLL NO.: _____

Textbook Exercise

- (1) Which of the following statements is true?
(A) Volatile storage lasts only a few seconds.
(B) Volatile storage is lost when a computer is shutdown.
(C) Computer disks are volatile storage devices.
(D) All of these
- (2) Which of the following refers to a collection of data stored on a non-volatile device in a Computer system?
(A) File (B) application (C) volatile data (D) hard disk
- (3) The data hierarchy occurs in which of the following order from the smallest to largest?
(A) file : character : field : record (B) file : character : record : field
(C) character : field : file : record (D) character : field : record : file
- (4) Which of the following is true about streams?
(A) Streams always flow in two directions
(B) Streams are channels through which the data flow
(C) Only one stream can be open in a program at a time.
(D) All of these
- (5) Which of the following is used as a separator between fields of a record?
(A) Path (B) delimiter (C) variable (D) space
- (6) Scanner class can be used to for performing which of the following operations?
(A) accept input from the keyboard (B) read from the file
(C) Parse a string separated by delimiters (D) All of these

12 (General) | March – 2015

- (7) By using which method of file output stream classes writes b length bytes form 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)
- (8) Which of the following refers to a collection of data stored on a non-volatile device in a Computer system?
(A) File (B) Application (C) Volatile data (D) Hard disk
- (9) Which method of scanner class of Java, scans the next token of the input as line?
(A) Boolean has Next() (B) int nextInt()
(C) Float next float() (D) string nextline()
- (10) Which work can be done in file or directory in Java file class?
(A) Create (B) Rename (C) Delete (D) All of these
- (11) Which stream is used to make text files and program codes in Java?
(A) byte stream (B) binary stream (C) character stream (D) input stream

(12) By which method of file class in Java returns true if the directory exists, otherwise returns false?

- (A) boolean exists() (B) booleanisFile()
(C) booleanisDirectory() (D) String[]list()

12 (Science) | March – 2015

(13) Which file class method is used to return the number of bytes in that file?

- (A) long byte () (B) long file () (C) long number () (D) long length ()

(14) Which class is the base for writing a character stream?

- (A) Impress (B) Writer (C) Calc (D) Draw

(15) What occurs when there is a failed I/O operation in writer class?

- (A) IO Base (B) IO throw (C) IO Class (D) IO Exception

(16) Which abstract class defines the functionality that is available for all character input stream?

- (A) Text class (B) Void class (C) Reader class (D) Writer class

(17) Which File Input Stream method is used to read a byte of data from this input stream?

- (A) void read() (B) read void() (C) void close() (D) int read()

(18) Which type of storage values store in variables are lost when computer is shutdown?

- (A) Voltage storage (B) Non-voltage storage (C) Volatile storage (D) Non-volatile storage

(19) Which class provides a method for reading password?

- (A) Write class (B) Scanner Input class (C) Reader class (D) Console class

(20) Which scanner class method is used to scan the next token of the input as "Int"?

- (A) int next Int() (B) int has Next() (C) void int() (D) int next()

(21) Which file class method is used to return the path to the file or directory?

- (A) String get Name() (B) String get File()
(C) String get Directory() (D) String get Path()

(22) Data stored in files is often called as what?

- (A) Persistent data (B) Personal data (C) Provision data (D) Public data

(23) Which of the following is an example of binary file?

- (A) C (B) mp3 (C) txt (D) java

(24) Which class encapsulates information about the properties of a file or a directory?

- (A) java.out.file (B) java.in.file (C) java.file.io (D) java.io.File

(25) Which file class method is used to return true, if the file or directory is hidden?

- (A) boolean is Hidden() (B) boolean exists()
(C) boolean is File() (D) boolean is Directory()

12 (General) | March – 2016

(26) Storage device of a computer system can be broadly classified into which categories?

- (A) Volatile storage (B) Non-volatile storage
(C) Both (A) and (B) (D) Binary storage

(27) From the following which is not binary file extension?

- (A) .jpeg (B) .mp3 (C) .class (D) .txt

(28) Which method of file class returns true value if the file or directory is hidden in Java?

- (A) boolean is Hidden() (B) boolean is File()
(C) long length() (D) boolean exists()

(29) When we write data to stream, which type of stream is known in Java?

(A) Writer stream (B) Output stream (C) Input stream (D) Reader stream

(30) Character stream is classified into how many classes?

(A) 1 (B) 2 (C) 3 (D) 4

(31) The data hierarchy occurs in which of the following order from the smallest to largest piece of data?

(A) file : character : record : field (B) file : character : field : record
(C) character : field : file ; record (D) character : field : record : file

12 (Science) | March – 2016

(32) Storage device of computer system can be broadly classified into which of the following category?

(A) Volatile storage (B) Non-volatile storage
(C) Both (A) and (B) (D) Dynamic storage

(33) File can exist on which of the following permanent storage device?

(A) Hard disk (B) Compact disc (C) Optical disc (D) All of these

(34) Which of the following extension is used for binary files?

(A) .jpeg (B) .mp3 (C) .class (D) All of these

(35) In Java, which class encapsulates information about the properties of a file or a directory?

(A) java.io.object.File (B) java.lang.File
(C) java.util.File (D) java.io.File

(36) In Java, which method of file class returns true if file exists, otherwise returns false?

(A) boolean FileDir() (B) boolean isFile()
(C) boolean listFile() (D) boolean getFile()

(37) Java supports which type of streams?

(A) Byte stream (B) Character stream (C) Both (A) and (B) (D) Binary stream

(38) In Java, which of the following is a subclass of Reader class?

(A) InputStreamReader (B) BufferedReader
(C) Both (A) and (B) (D) Output stream

(39) In Java, which method of file Writer class is used to close the stream?

(A) void close() (B) int break() (C) void terminate() (D) quit()

(40) In Java, scanner class can be used to perform which of the following operations?

(A) Read from the file (B) Parse a string separated by delimiters
(C) Accept input from keyboard (D) All of these

(41) In Java, which of the following is used as a separator between fields of a record?

(A) Space (B) Variable (C) Delimiter (D) Path

(42) In Java, which method of console class reads a single line of text from the console?

(A) String PrintLine() (B) Char getLine()
(C) Char Print() (D) String readLine()

(43) In Java, int read() method returns what to identify the end of data in the stream ?

(A) 0 (B) 1 (C) -1 (D) Null

(44) Which of the following refers to a collection of data stored on a non-volatile device in a computer system?

(A) File (B) Volatile data (C) Hard disk (D) Application

Chapter 12 Publishing Documents using LaTeX

Unit Test 2018 (Std. 12th E.M.)

STUDENT'S NAME : _____ DIV. _____ ROLL NO.: _____

- (1) Modern word processing software operates in which of the following mode?
(A) WIGIWIS (B) WISYWIG (C) WYSIWYG (D) WISYWYG
- (2) Which of the following is not a reserved character in LaTeX?
(A) @ (B) % (C) \$ (D) ^
- (3) Which of the following begins with `\begin {name}` and ends with `\end {name}`?
(A) group (B) section (C) environment (D) preamble
- (4) Which of the following character is used to mark a comment in LaTeX?
(A) \$ (B) % (C) # (D) &
- (5) Which of the following part of the LaTeX document contains the metadata?
(A) Preface (B) TOC (C) Preamble (D) Environment
- (6) Which of the following web site hosts the LaTeX packages?
(A) CTAN (B) CLAN (C) CTEN (D) CLEN
- (7) Which of the following will not be automatically numbered?
(A) `\section` (B) `\subsection` (C) `\chapter*` (D) `\part`
- (8) Which of these environments displays mathematical content inline with the text?
(A) `displaymath` (B) `math` (C) `equation` (D) `text`
- (9) Which of the following commands generate the set union symbol?
(A) `\cup` (B) `\setunion` (C) `\cap` (D) `\union`
- (10) Which of the following operator is used to denote a subscript or an index?
(A) (Underscore) (B) ^ (Caret) (C) – (Minus) (D) < (Less than)
- (11) Which of the following refer to the very first line in the preamble?
(A) `\usepackage` (B) `\title` (C) `\maketitle` (D) `\documentclass`
- 12 (General) | March – 2015
- (12) Which of the followings reserved character in LaTeX?
(A) % (B) @ (C) ABC (D) 123
- (13) Which of the following begins with `\begin {name}` and ends with `\ends {name}` in LaTeX?
(A) group (B) section (C) environment (D) preamble
- (14) 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 senerif {text}`
- (15) 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
- (16) By using which package of LaTeX can be add programming code within the document?
(A) easy list (B) set programming
(C) listings (D) set space
- (17) How many parts are there in LaTeX document?
(A) 1 (B) 2 (C) 3 (D) 4
- 12 (Science) | March – 2015
- (18) Modern word processing software operates in which of the following mode?
(A) WYSIWYG (B) WISYWYG (C) WIGIWIS (D) WISWYG
- (19) Which of he following character is used to mark a comment in LaTeX?

(A) % (B) & (C) \$ (D) #

(20) Which of the following commands generate the set Union 'U' symbol in LaTeX?

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

(21) In LaTeX, square root of a number x is denoted by following command?

(A) \sqrt [x] (B) \sqrt {x} (C) \sqrt <x> (D) \sqrt (x)

(22) LaTeX command starts with which character followed by the command name?

(A) \ (back slash) (B) / (front slash) (C) * (D) ?

(23) From following LaTeX command which of the part is optional argument?

\document [14pt] {article}

(A) document [14pt] (B) 14pt
(C) document (D) article

(24) In LaTeX, to insert a break in lines user uses which command at the end of each line?

(A) ## (B) \$\$ (C) // (D) \\

(25) Which command in LaTeX is used to define the document's title?

(A) \title doc (B) \title (C) \doc title (D) \LaTeX title

(26) TeX and LaTeX use which file extension?

(A) .tax (B) .latex (C) .tex (D) .txt

(27) Which command in LaTeX produces the popular PDF format files?

(A) pdf latex (B) pdf conv (C) pdf pop (D) pdf tex

(28) What is the full form of CTAN?

(A) Compare TeX Archive Notes (B) Comprehensive Tex Archive Network
(C) Comprehensive TeX Add Network (D) Code TeX Article Network

(29) In LaTeX, to print not equal to sign, which mathematical symbol is used?

(A) \neq (B) \nteq (C) \noteqto (D) \noteq

(30) In LaTeX, which command is used to emphasis effect to text ?

(A) \eph (B) \emph (C) \empha (D) \emh

(31) In LaTeX, which command is used to set paper size and margins ?

(A) \use pageout (B) \use paper (C) \use package (D) \use page

(32) In LaTeX, who has created the packages ams math, ams symb and ams fonts?

(A) American Mathematical Society (B) Advance Mathematical Source
(C) ASCII Mathematical Society (D) Armstrong Mathematical Source

12 (General) | March – 2016

(33) Which text editor is used to create LaTeX document?

(A) SciTE (B) gedit (C) Notepad (D) (A) or (B)

(34) From the following which are the reserved character in LaTeX?

(A) #, % (B) \$ (C) & (D) All of these

(35) What is the full form of CTAN?

(A) Comprehensive Tex Archive Network (B) Compressed Text Network
(C) Compulsory Test Network (D) Common Test Network

(36) Which extension is used in LaTeX file?

(A) .lex (B) .tex (C) .tel (D) .let

(37) In LaTeX file, if the compilation was successful, which shortcut key is used to view the file in document viewer ?

(A) F7 (B) F5 (C) F8 (D) F9

(38) Which of the following characters is used to mark a comment in LaTeX?

- (A) \$ (B) # (C) % (D) &

12 (Science) | March – 2016

(39) Which of the following is a very popular LaTeX distribution available in the standard Ubuntu repositories?

- (A) Tax Live (B) Test Live (C) Tex Live (D) Text Live

(40) Which of the following file extension is used by LaTeX?

- (A) .ext (B) .tex (C) .lat (D) .ltx

(41) We can compile the LaTeX document by issuing which command at command prompt ?

- (A) pdftax filename (B) pdftex filename
(C) pdftext filename (D) pdflatex filename

(42) LaTeX command starts with which character, followed by the command name?

- (A) – (B) \ (C) \$ (D) *

(43) In LaTeX document, if we want to insert a break in lines which command we will use at the end of each line except last line in paragraph ?

- (A) . (B) ; (C) \\ (D) :

(44) Which of the following character is known as reserved character in LaTeX?

- (A) # (B) \$ (C) % (D) All of these

(45) Which of the following website hosts the LaTeX packages?

- (A) CTEN (B) CTAN (C) CWAN (D) CLEN

(46) By default elements are assigned number upto which level that is upto subsections in LaTeX?

- (A) Level 1 (B) Level 2 (C) Level 3 (D) Level 4

(47) If compilation was successful, you may select which menu option to view file in default document viewer in LaTeX?

- (A) Tools Run (B) File Run (C) Edit Compile Go (D) Tools Go

(48) In LaTeX packages like amsmath, amssymb and amsfonts is created by which of the following society?

- (A) Russian Mathematical Society (B) Indian Mathematical Society
(C) European Mathematical Society (D) American Mathematical Society

(49) Which of the following Mathematical symbol is used in LaTeX?

- (A) < (B) # (C) = (D) All of these

(50) Which of the following operator is used to denote a subscript or an index in LaTeX?

- (A) < (Less than) (B) ^ (Caret) (C) – (Minus) (D) _ (Underscore)

Chapter 13 Other useful free tools and services

Unit Test 2018 (Std. 12th E.M.)

STUDENT'S NAME : _____ DIV. _____ ROLL NO.: _____

Textbook Exercise

(1) Which of the following refers to a file that has an entire directory structure inside it?

- (A) Apache (B) Archie (C) Archi (D) Archive

(2) What is the full form of tar?

- (A) Tape Archiver (B) Tech Archiver (C) Test Archiver (D) Tight Archiver

(3) For which types of archives is the password protection option available?

- (A) zip (B) tar (C) tar.gz (D) Both zip and tar.gz

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

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

(5) What is the full form of VLC?

- (A) Video LAN Client (B) Video Line Coder
(C) Video Length Coder (D) Video List Creator

(6) Which technology gives out location with accuracy?

- (A) GRS (B) GPRS (C) GRPS (D) GPS

(7) Which program is used to enter Unicode character into any application?

- (A) Character Display (B) Character Insert
(C) Character Map (D) Character Select

(8) Which command is used to quit from R?

- (A) quit() (B) q() (C) exit() (D) close()

(9) Which function is used to create a bar graph in R ?

- (A) bar() (B) plot() (C) bargraph() (D) barplot()

(10) Which of the following are different variants of Rational Plan?

- (A) Single, Multi, Viewer (B) Singular, Multiple
(C) View, Preview (D) Server, Client

12 (General) | March – 2015

(11) Which of the following software gives permission to make different projects, analyzes all projects data and creates a project portfolio view ?

- (A) Rational Plan (B) Bar plot (C) Chart (D) Graph

(12) Which command is used to quit from R?

- (A) quit() (B) q() (C) exit() (D) close()

(13) By which sign is the begging and the end of enclosed text of Data Compression done?

- (A) ^ \$ (B) \$ ^ (C) " " (D) \ \

(14) Which program is used to enter Unicode characters into any application?

- (A) Character Display (B) Character Insert
(C) Character Map (D) Character Select

(15) 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

12 (Science) | Oct – 2015

(16) Which of the following technique is used for reducing the storage requirements of computer files and directory structures ?

(A) Cryptography (B) Data hiding (C) Data sizing (D) Data compression

(17) Java uses which of the following file compression format?

(A) gz (B) uz (C) jar (D) tar

(18) Which of the following refers to a file that has an entire directory structure inside it ?

(A) archive (B) archie (C) archi (D) apache

(19) In VLC, which menu option is used to convert multimedia files from one format to another?

(A) Edit Convert (B) Media Convert/Save

(C) File Convert format (D) Media Insert format

(20) Which of the following is a work environment of 'R' software?

(A) Command line (B) Graphical

(C) Both (A) and (B) (D) None of these

(21) In 'R' software, strings are enclosed in which sign?

(A) * * (B) \$ \$ (C) /* */ (D) '.....' or "....."

(22) In 'R' software which of the following syntax is used to get help on a particular function?

(A) guide (function name) (B) edit (function name)

(C) help (function name) (D) ls (function name)

(23) In 'R' software which basic function is used to find maximum value from the list?

(A) big (list) (B) max (list) (C) mean (list) (D) maximum (list)

(24) Which rational plan allows links between tasks pertaining to different projects, analyzes all our projects data and creates a project portfolio view ?

(A) Single (B) Multi (C) Viewer (D) None of these

(25) Which of the following is not an example of instant messaging services?

(A) Rediff bol (B) Yahoo messenger (C) Google talk (D) Mytalk

12 (General) | March – 2016

(26) For convenience to place a whole directory structure into a single file is called what?

(A) Archive file (B) Java file (C) Video file (D) Text file

(27) Which menu – option 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

(28) From the following which different type of view can show the information of a place in Google maps ?

(A) Map view (B) Satellite view (C) Both (A) and (B) (D) None of these

(29) Which command is used to quit from 'R' software?

(A) q() (B) quit() (C) exit() (D) close()

(30) Which services are provided by Skype software in computer?

(A) Free phone calls (B) Video conferencing

(C) Text file transfers (D) All of these

12 (Science) | Oct – 2016

(31) Which of the following technique is used for reducing the storage requirements of computer files and directory structures ?

(A) Data Conformation
(C) Data Compression

(B) Data Competition
(D) Data Communication

(32) On Linux system, which of the following is the most common archive format ?

(A) PAR (B) JAR (C) JER (D) TAR

(33) Which of the following is a free software environment for statistical computing?

(A) T Software (B) S Software (C) R Software (D) N Software

(34) Which of the following is used as a comment marker in R software ?

(A) % (B) \$ (C) @ (D) #

(35) Which of the following command of R opens the online help in browser ?

(A) online.start() (B) on.start() (C) start.online() (D) help.start()

(36) Which of the following function displays a list of all variable defined in R ?

(A) list() (B) lst() (C) ls() (D) alllist()

(37) Which of the following is one such software that allows us to make calls over the internet using our computer ?

(A) Skype (B) Rational Plan (C) Skipe (D) R Software

(38) Which program is used to enter Unicode character into any application?

(A) Character Map (B) Character App

(C) Unicode Map (D) Unicode App

(39) Which of the following function in R software helps to find median ?

(A) list (median) (B) med (list) (C) mean(list) (D) median(list)

(40) Which function is used to create a bar graph in R software?

(A) bar() (B) plot() (C) plotbar() (D) barplot()