

MCQ Compilation for COPA Trade (June 2023)

(1) Safe Working Practice & Introduction to Computer Components (Start No.: 1).....	1
(2) Windows Operating System (Start No.: 13)	3
(3) Basics of computer and software installation (Start No.: 26)	6
(4) MS DOS & Linux (Start No.: 39).....	8
(5) Word Processing Software (Start No.: 64).....	14
(6) Spread Sheet Application (Start No.: 101)	21
(7) Image Editing, Presentation (Start No.: 141)	30
(8) Database Management Systems (Start No.: 167).....	36
(9) Networking Concepts and Internet Concepts (Start No.: 189)	40
(10) Design of static and dynamic web pages (Start No.: 225).....	48
NIMI CHENNAI formatting.....	55
My first heading.....	56
heading	56
(11) Javascript (Start No.: 261)	56
(12) Programming in VBA (Start No.: 324)	70
(13) E-Commerce (Start No.: 414).....	90
(14) Cyber Security (Start No.: 438).....	95
(15) Database Management Systems (Start No.: 450).....	97
(16) Python (Start No.: 517).....	112
(17) Java (Start No.: 594).....	128
(18) Cloud Computing and Application Development (Start No.: 646)	139
(19) Advanced Excel Concepts (Start No.: 667)	143
(20) Smart Accounting (Start No.: 676).....	145

(1) Safe Working Practice & Introduction to Computer Components (Start
No.: 1)
ToC

(1) What is the sequence, in which computer operates?

- a) Input, output, process
- b) Input, process, output
- c) Process, input, output
- d) Output, process, input

Answer: b

(2) Which is the first general purpose programmable electronic computer?

- a) ENIAC
- b) EDVAC
- c) EDSAC
- d) UNIVAC

Answer: a

(3) What type of device is computer?

- a) Electrical device
- b) Electronic device
- c) Electro magnetic
- d) Electro mechanical

Answer: b

(4) Who is considered as father of computer?

- a) Charles Babbage
- b) John Lickert
- c) John Mauchly
- d) M.V Wilkes

Answer: a

(5) Who invented Analytical engine?

- a) Charles Babbage
- b) John Lickert

- c) John Mauchly
- d) M.V Wilkes

Answer: a

(6) What is the main electronic component of the first generation computer?

- a) Integrated circuit
- b) Microprocessor
- c) Transistors
- d) Vacuum tubes

Answer: d

(7) How does the parallel port transfer a byte?

- a) Bit by bit
- b) 2 bits at a time
- c) 4 bits at a time
- d) 8 bits at a time

Answer: d

(8) Which is an internal power supply units of CPU?

- a) CVT
- b) UPS
- c) SMPS
- d) Stabilizer

Answer: c

(9) What is the purpose of expansion slot in mother board?

- a) To insert the RAM
- b) To insert the mouse
- c) To insert the keyboard
- d) To insert the additional peripherals

Answer: d

(10) What is the purpose of memory unit in a computer?

- a) Accepts data
- b) Displays data

- c) Process data
- d) Stores data

Answer: d

(11) How many pins are there in SDR DIMM?

- a) 138
- b) 148
- c) 158
- d) 168

Answer: d

(12) How many pins are there in SIMMs?

- a) 30 - 72
- b) 42 - 82
- c) 52 - 92
- d) 62 - 102

Answer: a

(2) Windows Operating System (Start No.: 13)

ToC

(13) Which one is an example for OS?

- a) Antivirus
- b) Windows
- c) MS Office
- d) Macromedia

Answer: b

(14) Which acts as an intermediate between a user and a computer?

- a) Macros
- b) Antivirus
- c) MS Office
- d) Operating system

Answer: d

(15) What is the function of OS?

- a) Calculation

- b) Word processing
- c) Drawing pictures
- d) Process and memory management

Answer: d

(16) Where does the minimized application reside in windows?

- a) Task bar
- b) My computer
- c) My Document
- d) Recent documents

Answer: a

(17) Which tool in control panel is used to adjust your computer setting to control computer with voice command?

- a) System and security
- b) Appearance and personalization
- c) Hardware and sound
- d) Ease of access

Answer: d

(18) Which control panel applet gives the information of computer?

- a) System and security
- b) Hardware and sound
- c) Programs
- d) Appearance and personalization

Answer: a

(19) What is the extension of applet files in control panel?

- a) . Ctl
- b) . Cpl
- c) . Cal
- d) . Csl

Answer: b

(20) Which shortcut key is used to copy and paste a file folder?

- a) Ctrl+ X and Ctrl + V

- b) Ctrl + A and Ctrl + V
- c) Ctrl + Z and Ctrl + V
- d) Ctrl + C and Ctrl + V

Answer: d

(21) Which shortcut key is used to refresh windows desktop?

- a) F1
- b) F2
- c) F5
- d) F12

Answer: c

(22) Which is the order of files and directories in Windows Explore?

- a) Serially
- b) Sequentially
- c) Hierarchically
- d) Alphabetically

Answer: c

(23) Where does the pinned application stayed in Windows OS?

- a) Desktop
- b) Notification Area
- c) Start Button
- d) Task Bar

Answer: d

(24) What steps should be taken, if windows not updated automatically?

- a) Start - control panel - settings - add programs - enable automatic update
- b) Start - setting - control panel - system - enable automatic updated
- c) Re- install windows OS
- d) Restart windows

Answer: b

(25) What should be done, if the pen drive is not deducted?

- a) Device Manger › right click on USB root hub › disable device
- b) Device Manger › right click on USB root hub › enable device
- c) Device Manger › right click on USB root hub › scan for hardware changes
- d) Device Manger › right click on USB root hub › Update drives

Answer: b

(3) Basics of computer and software installation (Start No.: 26)

ToC

(26) What is the capacity of typical DVD?

- a) 40 MB
- b) 50 MB
- c) 60 MB
- d) 4.7 GB

Answer: d

(27) Which process is used to record data on to an optical disc?

- a) Burning
- b) Reading
- c) Accepting
- d) Accessing

Answer: a

(28) Which software interfaces the major hardware components of the computer with OS?

- a) BIOS
- b) CMOS
- c) DOS
- d) POST

Answer: a

(29) What is BIOS?

- a) Firmware
- b) Hardware
- c) Middleware

d) Software

Answer: a

(30) What is the purpose of Nero Start Smart?

a) Format HDD

b) Burn CD/DVD

c) Format pen drive

d) Format CD/DVD

Answer: b

(31) Which system is used by Bluetooth for broad casting?

a) Satellite

b) Microwaves

c) Telephone lines

d) Radio waves

Answer: d

(32) Which one is used as authentication for pairing Bluetooth devices?

a) Keyboard

b) Key code

c) Pass code

d) Password

Answer: c

(33) Which program is used to enable the devices to work with OS?

a) Antivirus

b) Device driver

c) System Software

d) Application Software

Answer: b

(34) Which is the minimum storage unit of a hard disk?

a) Head

b) Partitions

c) Sectors

d) Tacks

Answer: c

(35) Which key is used to open CMOS setup utility?

a) Alt

b) Del

c) Enter

d) Tab

Answer: b

(36) What is the process of deleting all the data on the hard drive?

a) Delete

b) Erase

c) Formatting

d) Uninstall

Answer: c

(37) What is the purpose of BIOS shadow?

a) Copying RAM to ROM

b) Coping ROM to RAM

c) Copying HD to RAM

d) Copying RAM to HD

Answer: b

(38) What should be done, after fixing a problem or installing a new application or making configuration in a computer?

a) Hibernate

b) Restart

c) Shutdown

d) Sleep

Answer: b

(4) MS DOS & Linux (Start No.: 39)

ToC

(39) What is the name of hierarchical file system in DOS?

a) Tree structure

- b) Root structure
- c) Hybrid structure
- d) Directory structure

Answer: a

(40) Which DOS command is used to delete a directory?

- a) RD
- b) REMOVE
- c) DEL
- d) DELETE

Answer: a

(41) Which character is used to represent parent directory in Linux?

- a) .
- b) ..
- c) ~
- d) *

Answer: b

(42) Which character is used to redirect output in to an existing file in Linux?

- a) >
- b) >>
- c) <
- d) <<

Answer: a

(43) Which command is used to specify the location of files or folders in MSDOS?

- a) dir
- b) path
- c) sub directories
- d) tree

Answer: b

(44) How the directories under the root directory are called?

- a) dir
- b) path
- c) sub directories
- d) tree

Answer: c

(45) Which filename will matches the command. DIR????T.TxT in DOS?

- a) TIME . TXT
- b) TEXT . TXT
- c) TEMP . TXT
- d) TEMPT . TxT

Answer: d

(46) What is the use of CD command in DOS?

- a) create a directory
- b) change the device name
- c) create root directory
- d) change the path of current directory

Answer: d

(47) What is the maximum number of character allowed as file name in DOS?

- a) 3 characters
- b) 6 characters
- c) 7 characters
- d) 8 characters

Answer: d

(48) Which one of the following is the wildcard character?

- a) * and /
- b) ? and /
- c) * and ?
- d) ? and @

Answer: c

(49) Which DOS command is used to create a text file?

- a) List
- b) Type
- c) Copycon
- d) Dir

Answer: c

(50) Which one of the following is the directory separator in Linux?

- a) /
- b) \
- c) //
- d) \\

Answer: a

(51) Which character is used to represent a range of values in Linux?

- a) ()
- b) []
- c) { }
- d) < >

Answer: b

(52) Which character redirects the output of one command to another in Linux?

- a) . Dot
- b) | pipe
- c) : colon
- d) ; semicolon

Answer: b

(53) Which Linux command list the contents of all sub directory?

- a) ls ~
- b) ls * /
- c) ls /
- d) ls ../

Answer: b

(54) Which Linux command list the contents of parent directory?

- a) ls ~
- b) ls * /
- c) ls /
- d) ls ../

Answer: d

(55) What is use of 'who' command in Linux?

- a) login user
- b) logout user
- c) login password
- d) logout password

Answer: a

(56) Which command is used to hide the file?

- a) attrib -h filename
- b) attrib +h filename
- c) attrib /h filename
- d) attrib \h filename

Answer: b

(57) Which command is used to release the read only permission?

- a) attrib -r filename
- b) attrib +r filename
- c) attrib /r filename
- d) attrib \r filename

Answer: a

(58) Write the Linux command to remove all the permission to the user and group on the directory 'software'?

- a) chmod ug - rwx software
- b) chmod ug - a software
- c) chmod ug - A software
- d) chmod ug - Rwx software

Answer: a

(59) Which DOS command is used to display system time?

- a) Now
- b) TIME
- c) SYSTEM
- d) SYSTEMTIME

Answer: b

(60) What is the result of the DOS command PROMPT \$D\$G?

- a) Prompt >
- b) D : >
- c) Current date >
- d) Current time >

Answer: c

(61) Which DOS command is used to list all com files in D drive?

- a) DIR D :\ com
- b) DIR D :\ com. *
- c) DIR D :\ * .com
- d) DIR D :\ * com *

Answer: c

(62) Which Linux command is used to sort the text file 'network' in descending order?

- a) Sort / r network
- b) Sort - r network
- c) Sort + r network
- d) Sort \ r network

Answer: b

(63) Which Linux command to set the permission 'x' to user, 'rw' to others and 'rwx' to group for the file launcher?

- a) chmod 176 launcher
- b) chmod 671 launcher
- c) chmod 167 launcher
- d) chmod 166 launcher

Answer: a

ToC

(64) Which command is used to store the active document permanently?

- a) Save
- b) Send
- c) Prepare
- d) Save as

Answer: a

(65) Which shortcut key is used to high light the entire word document?

- a) Ctrl + A
- b) Ctrl + O
- c) Ctrl + S
- d) Ctrl + E

Answer: a

(66) Which tool in MS Word is used to keep the familiar and repeated options?

- a) Title bar
- b) Task bar
- c) Scroll bar
- d) Quick access tool bar

Answer: d

(67) Which area in MS Word is used to enter the text?

- a) Work space
- b) Work sheet
- c) Slides
- d) Work book

Answer: a

(68) Which bar contains the current position of the cursor in MS Word?

- a) Layout

- b) Title bar
- c) Status bar
- d) Horizontal ruler

Answer: c

(69) Where does the close button appear in MS Word?

- a) Top left corner of the window
- b) Bottom left corner of the window
- c) Top right corner of the window
- d) Bottom right corner of the window

Answer: c

(70) Which one of the following is a word processor?

- a) MS Word
- b) MS Excel
- c) MS Access
- d) MS Office publisher

Answer: a

(71) Which one of the following is text styling feature of MS Word?

- a) Word fill
- b) Word art
- c) Word colour
- d) Word font

Answer: b

(72) Which option is used to store the duplicate of the active document permanently?

- a) Save
- b) Send
- c) Save as
- d) Rename

Answer: c

(73) Which option is used to view an existing word document?

- a) New

- b) Open
- c) Publish
- d) Prepare

Answer: b

(74) Which document view given an appearance as in web browser?

- a) Draft view
- b) Outline view
- c) Web layout view
- d) Full screen reading

Answer: c

(75) How many groups are there in Home Menu?

- a) 4
- b) 5
- c) 6
- d) 7

Answer: b

(76) Which group includes superscript, subscript, strike through options in MS Word?

- a) Clipboard
- b) Font
- c) Paragraph
- d) Style

Answer: b

(77) What is the purpose of quick access toolbar?

- a) To hold advance function
- b) To hold special function
- c) To hold basic function
- d) To hold familiar and repeated function

Answer: d

(78) What is the purpose of gutter margin?

- a) Margin that is added to the left margin when printing

- b) Margin that is added to the right margin when printing
- c) Margin that is added to binding side of page when printing
- d) Margin that is added to the outside of the page when printing

Answer: c

(79) What is the purpose of Close button?

- a) Close button
- b) Office button
- c) Maximize button
- d) Minimize button

Answer: a

(80) What is the purpose of zoom option?

- a) Enlarge and reduce document / text size
- b) Move up and down document / picture
- c) Scroll left and right document / picture
- d) Minimize and maximize the document / picture

Answer: a

(81) Which option is used for tab setting?

- a) Horizontal ruler
- b) Status bar
- c) Vertical ruler
- d) Vertical scroll bar

Answer: a

(82) What is the purpose of vertical scroll bar?

- a) Move the document up and down
- b) Move the document left side
- c) Move the document right side
- d) Move the document only upwards

Answer: a

(83) What is the purpose of undo action in MS Word?

- a) Restore previous action

- b) Get the current action
- c) Goes to previous page
- d) Goes to previous paragraph

Answer: a

(84) Which option is used to activate and deactivate ruler?

- a) View → grids
- b) View → ruler
- c) Insert → tool bar
- d) Insert → ruler

Answer: b

(85) What is the purpose of cover page?

- a) Allows to fill title, author, date and other information
- b) Fills the list of people intent to mail
- c) To view the mailed list
- d) Contains details of the documents

Answer: a

(86) Which menu contains, Symbol option in MS Word?

- a) Tools
- b) Table
- c) Format
- d) Insert

Answer: d

(87) Which operation is to be performed before paste?

- a) Ctrl + V
- b) Cut / copy
- c) Select all
- d) Select text

Answer: b

(88) Which option is used to locate any specific character, symbols or formulas in a document?

- a) Find

- b) Searching text
- c) Replace
- d) Selecting text

Answer: a

(89) Which feature is used to create a newspaper type document?

- a) Tables
- b) Tab stops
- c) Columns
- d) Bullets and numbering

Answer: c

(90) Which sequence of operation is required to insert bullets for list of data?

- a) Paragraph group → numbering button → select any number type
- b) Paragraph group → number button → select none
- c) Paragraph group → bullet button → type of bullets
- d) Paragraph group → bullet button → select none

Answer: c

(91) Which sequence of operation is required to remove numbering from a list of data?

- a) Number button → select none from number type
- b) Number button → select number from number list
- c) Bullet button → select none from bullet type
- d) Bullet button → select bullets from bullets list

Answer: a

(92) Which sequence of operation is required to remove tab stop markers from ruler?

- a) Drag the tab stop makers out of the ruler
- b) Double click the tab marker and clear all
- c) Right click the tab stop marker and choose remove
- d) Left click the tab stop marker and choose remove

Answer: a

(93) Which feature is used to adjust the amount of space between words for alignment in MS Word?

- a) Spacing
- b) Scaling
- c) Justifying
- d) Positioning

Answer: c

(94) Which shortcut key is used to invoke thesaurus dialog box in MS Word?

- a) Shift+F7
- b) Ctrl+F7
- c) Alt+F7
- d) Ctrl+Alt+F7

Answer: a

(95) Where does the file name of the active document displays?

- a) Title bar
- b) Task bar
- c) Menu bar
- d) Status bar

Answer: a

(96) How can we rectify the errors occurs while typing?

- a) Auto entry
- b) Auto add
- c) Auto spell
- d) Auto correct

Answer: d

(97) Which sequence of operation is required to force page break in word document?

- a) by using insert / selection black on the insert tab
- b) by positioning the cursor at the appropriate place and press enter

c) by positioning the cursor at the appropriate place and press F1 key

d) by position the cursor at the appropriate place and pressing ctrl + enter

Answer: d

(98) What is the purpose of inserting header and footer in document?

a) To make the starting and ending page

b) To entrance the appearance of the document

c) To make larger document more readable

d) To allow page headers and footer appear on the document

Answer: d

(99) What is the purpose of word wrap?

a) Aligning text with the right margin

b) Inserting space between paragraphs

c) Inserting space automatically between words

d) Moving text automatically to the next line

Answer: d

(100) What is purpose of thesaurus tool is MS Word?

a) Grammar option

b) Spelling suggestion

c) Synonyms and antonyms words

d) Auto correction

Answer: c

(6) Spread Sheet Application (Start No.: 101)

ToC

(101) How Cells are named in MS Excel?

a) Alphabetically

b) Numerically

c) Alphanumerically

d) Special Character

Answer: c

(102) What is the maximum limit of rows in MS Excel 2010?

- a) 1084567
- b) 1048567
- c) 1048576
- d) 1084576

Answer: c

(103) What is the maximum limit of column in MS Excel 2010?

- a) 16384
- b) 16438
- c) 16843
- d) 16348

Answer: a

(104) Which bar lies top of the window in Excel Screen?

- a) Status Bar
- b) Ruler
- c) Title Bar
- d) Scroll Bar

Answer: c

(105) How rows are numbered in MS Excel?

- a) Alphabetically
- b) Numerically
- c) Alphanumerically
- d) Special characters

Answer: b

(106) How columns are named in MS Excel?

- a) Alphabetically
- b) Numerically
- c) Alphanumerically
- d) Special characters

Answer: a

(107) Which tab is used to include pivot table, charts and hyperlinks to a spread sheet?

- a) Insert
- b) Page Layout
- c) Data
- d) Review

Answer: a

(108) Which tab in Excel is used when importing, querying, outlining and subtotaling the data placed into a worksheet's data list?

- a) Formula
- b) Data
- c) Review
- d) Insert

Answer: b

(109) Which tab in Excel is used for proofing, protecting, and marking up a spread sheet?

- a) Formula
- b) Data
- c) Review
- d) Insert

Answer: c

(110) What type of software is MS Office?

- a) Application Software
- b) Operating System
- c) Programming Language
- d) System Software

Answer: a

(111) Which tool in MS Office is best for organizing data and making lists?

- a) Access
- b) Excel

- c) Power Point
- d) Word

Answer: b

(112) What is the file extension of Excel 2010?

- a) .xls
- b) .xlsb
- c) .xlsm
- d) .xlsx

Answer: d

(113) How does the single element in a worksheet known as in Excel?

- a) Cell
- b) Column
- c) Range
- d) Row

Answer: a

(114) What do you mean by A3,B13:B20,C7 reference in Excel?

- a) Range
- b) Union
- c) Formula
- d) General

Answer: a

(115) Which type of key should combine with ctrl key to create a macro key in Excel?

- a) Numeric
- b) Alphabetic
- c) Alphanumeric
- d) Special characters

Answer: b

(116) Which bar is used to display the sheet information and insertion point location in MS Excel?

- a) Ruler

- b) Scroll Bar
- c) Status Bar
- d) Title Bar

Answer: c

(117) Which function key is used to open save as dialogue box in MS Excel?

- a) F2
- b) F5
- c) F7
- d) F12

Answer: d

(118) Which tab is used to change the display of worksheet area and the data it contains?

- a) Page Layout
- b) Data
- c) Review
- d) View

Answer: d

(119) Which view in Excel displays the pages exactly as they appear when printed?

- a) Custom View
- b) Full screen View
- c) Page Break View
- d) Page Layout view

Answer: d

(120) Which one of the following will starts with “=” sign in Excel 2010?

- a) Data
- b) Text
- c) Numbers
- d) Formulas

Answer: d

(121) Which tab is used for creating, formatting and editing a spreadsheet?

- a) Data
- b) Home
- c) Insert
- d) Review

Answer: b

(122) Which function is used to count the number of cells that contain numbers in a range?

- a) Count()
- b) Countif()
- c) Sum()
- d) Sumif()

Answer: a

(123) Which function is used to add the values in a range?

- a) Count()
- b) Sum()
- c) ABS()
- d) Sumif()

Answer: b

(124) Which symbol is used to execute formulas in MS Excel?

- a) =
- b) ‘
- c) #
- d) “

Answer: a

(125) Where does the result displays when a formula is entered in Excel?

- a) Current Cell
- b) Next Cell

- c) Previous Cell
- d) Formula Bar

Answer: a

(126) Which function in Excel is used to find the biggest value in a range?

- a) Ceiling
- b) DMAX
- c) LEN
- d) MAX

Answer: d

(127) Which one of the following is a text function in MS Excel?

- a) MID()
- b) NOW()
- c) COUNT()
- d) SIGN

Answer: a

(128) Which one of the following is a 'Date and Time' function in Excel?

- a) FIND()
- b) MOD()
- c) NOW()
- d) MID()

Answer: c

(129) Which function is used to find the middle number in a range?

- a) MEDIAN()
- b) MID()
- c) TRIM()
- d) MODE()

Answer: a

(130) What is the purpose 'Tab' key in MS Excel?

- a) Moves cell pointer to previous column

- b) Moves cell pointer to next column
- c) Moves cell pointer previous row
- d) Moves cell pointer next row

Answer: b

(131) What is the purpose of 'Enter Key' in MS Excel?

- a) Moves cell pointer to previous column
- b) Moves cell pointer to next column
- c) Moves cell pointer to previous row
- d) Moves cell pointer to next row

Answer: d

(132) Which function key is used to open go to dialogue box in MS Excel?

- a) F2
- b) F5
- c) F7
- d) F11

Answer: b

(133) Which option in MS Excel is used to display the rows that meet certain conditions?

- a) Find
- b) Filter
- c) Format
- d) Sort

Answer: b

(134) Which option in Excel is used to rearrange the rows base on the content of a particular column?

- a) Find
- b) Filter
- c) Sort
- d) Format

Answer: c

(135) Which type of addressing is used to keep rows constant and column changes and vice versa while copying a formula from one area of the worksheet to another in Excel?

- a) Mixed
- b) General
- c) Relative
- d) Absolute

Answer: a

(136) Which one of the following is 'no argument' function?

- a) Now()
- b) Lower()
- c) Max()
- d) IF()

Answer: a

(137) Which key is used to move the insertion point to the beginning of the current sheet?

- a) Page up
- b) Home
- c) Ctrl + page up
- d) Ctrl + Home

Answer: d

(138) Which sequence of operation is used to insert the hidden formula bar in Excel worksheet?

- a) View → Show/hide → Formula bar
- b) Insert → show/hide → Formula bar
- c) Data → show/hide → Formula bar
- d) Home → show/hide → formula bar

Answer: a

(139) Which option is used to change the direction where the cursor moves when you press the enter key in Excel?

- a) Excel options → Advance → Enable auto complete for cell values

- b) Excel options→Advance→ Extend data range formats
- c) Excel options→ Advance →choose direction by clicking down arrow next to check box
- d) Excel options→ Advance →Enable fill handle and cell drag and drop

Answer: c

(140) Which key is used to make multiple lines in a single cell?

- a) Alt+ Enter
- b) Tab+ Enter
- c) Ctrl+ Enter
- d) Shift+ Enter

Answer: a

(7) Image Editing, Presentation (Start No.: 141)

ToC

(141) Which item contains text graphics, charts, sound, video, etc., in power point?

- a) Slides
- b) Folder
- c) Handout
- d) Desktop screen

Answer: a

(142) Which contains miniature representation of slides?

- a) Slides
- b) Handout
- c) Template
- d) Slide master

Answer: b

(143) Which button is used to add instant animation to the presentation and helps interactive presentation?

- a) Add button
- b) Start button
- c) Insert button

d) Action button

Answer: d

(144) What type of software program is power point?

a) Word Processor

b) Spread Sheet

c) Presentation Graphics

d) Database Management

Answer: c

(145) Which tool allows user to select different layout for slide?

a) Apply design

b) Bullets

c) New slide

d) Slide Layout

Answer: d

(146) Which key is used to stop a power point presentation?

a) ESC

b) Tab

c) Ctrl

d) Enter

Answer: a

(147) Which shortcut key is used to create new presentation in power point?

a) Ctrl + P

b) Ctrl + N

c) Ctrl + M

d) Ctrl + X

Answer: b

(148) How many panes are there in backstage view in power point 2010?

a) 3

b) 5

c) 7

d) 9

Answer: a

(149) Which menu is used to apply various effects to the text in a slide?

a) Animation

b) Design

c) Transitions

d) Slide show

Answer: a

(150) Which menu is used to apply various visual effects to the slide in power point?

a) Animation

b) Design

c) Slide show

d) Transitions

Answer: d

(151) Which menu is used to select a predefined chart style?

a) Animation

b) Design

c) Slide show

d) Transitions

Answer: b

(152) Which template makes specify common design elements in all slides in the presentation?

a) Fax template

b) User template

c) Data template

d) Master template

Answer: d

(153) Which dialog box in Power Point allows to change slides automatically in a period of time?

- a) Action setting
- b) Slide transition
- c) Slide animation
- d) Custom animation

Answer: b

(154) Which shortcut key is used to invoke thesaurus dialog box in Power Point?

- a) Shift+F7
- b) Ctrl+F7
- c) Alt+F7
- d) Ctrl+Alt+F7

Answer: a

(155) Which option is used to create a presentation automatically in Power Point?

- a) Template
- b) Blank Presentation
- c) Auto content wizard
- d) Standard test bar

Answer: c

(156) Which option offers a built in design through a dialog box?

- a) Auto content wizard
- b) Blank Presentation
- c) Standard tool bar
- d) Template

Answer: d

(157) Which function key is used to run a power point presentation?

- a) F3
- b) F5
- c) F7

d) F9

Answer: b

(158) Which shortcut key is used to create a new slide in power point?

a) Ctrl + C

b) Ctrl + N

c) Ctrl + M

d) Ctrl + S

Answer: c

(159) Which holder holds text, title and picture in power point?

a) Content Holder

b) Image Holder

c) Place Holder

d) Slide Holder

Answer: c

(160) Which one of the following is extension of power point 2010 presentation file?

a) .potx

b) .pptx

c) .ppsx

d) .thmx

Answer: b

(161) Which option is used to insert the related hints of a slide?

a) Note Master

b) Presentation Master

c) Slide Master

d) Hints Master

Answer: a

(162) Which combination of key is used to select all slides from current slide to first slide?

a) Alt + Home

b) Ctrl + Home

- c) Shift + Home
- d) Tab + Home

Answer: c

(163) Which view hides the hidden slides in Power Point?

- a) Normal
- b) Notes Page
- c) Reading view
- d) Slide Sorter

Answer: c

(164) Which option is used to display the selected slides only for presentation?

- a) From Beginning
- b) From current slide
- c) Broadcast slide show
- d) Custom slide show

Answer: d

(165) Which one of the following is a effect option in power point presentation?

- a) Diamond
- b) Fade
- c) Push
- d) Reveal

Answer: a

(166) Which combination of key is used to show the laser pointer during slide show?

- a) Alt + left mouse button
- b) Alt + right mouse button
- c) Ctrl + left mouse button
- d) Ctrl + right mouse button

Answer: c

ToC

(167) What is the maximum number of characters allowed in text field is access?

- a) 255
- b) 256
- c) 64000
- d) 65000

Answer: a

(168) What is the expansion of OLE in Access?

- a) object linking and embedding
- b) object linking and encrypting
- c) object linking and editing
- d) object linking and encapsulation

Answer: a

(169) What is the maximum length of the field name in Access?

- a) 16 characters
- b) 32 characters
- c) 64 characters
- d) 128 characters

Answer: c

(170) Which view is used to arrange table data in different graphical layouts to summarize data?

- a) Table view
- b) Design view
- c) Data sheet view
- d) Pivot chart view

Answer: d

(171) Which view allows to modify table's structure in Access?

- a) Design view
- b) Datasheet view

- c) Pivot table view
- d) Pivot chart view

Answer: a

(172) Which object stores information about related data?

- a) Document
- b) Table
- c) Page
- d) Screen

Answer: b

(173) Which key stroke is used to move the active cell towards right, in access table?

- a) Ctrl + Tab
- b) Alt + Tab
- c) Tab
- d) Shift + Tab

Answer: c

(174) Which key stroke moves the active cell towards left in Access table?

- a) F2
- b) F5
- c) Tab
- d) Shift + Tab

Answer: d

(175) Which combination of key zooms the content of active cell in Access table?

- a) Ctrl + F2
- b) Ctrl + F5
- c) Shift + F2
- d) Shift + F5

Answer: c

(176) Which combination of key allows user to move to the first field in the first record in Access table?

- a) Ctrl + Tab
- b) Shift +Tab
- c) Shift + Home
- d) Ctrl + Home

Answer: d

(177) Which command quickly locates the data in Access table?

- a) Find
- b) Locate
- c) Search
- d) Edit

Answer: a

(178) Which technique prevents invalid data being saved in Access table?

- a) Index
- b) Filter
- c) Validation rule
- d) Input mark

Answer: c

(179) Which validation rule accepts only a - z letters for fields in Access?

- a) Is null or NOT like "[! a - z]*"
- b) Is null or NOT like "[a - z]*"
- c) Is null or NOT like "[!a - z]*"
- d) "Is null or NOT like "[! a - z]"

Answer: a

(180) Which validation rule allows only 0 - 9 for fields in Access?

- a) Is Null or Not Like "[! 0 - 9]*"
- b) Is Null or Not Like "[! 0 - 9]"
- c) Is Null or Not Like "[*0 - 9]*"

d) Is Null or Not Like “*[!0- 9]*”

Answer: d

(181) Which validation rule allows only positive numbers for fields in?

a) Is Null or ≥ 0

b) Is Null or Positive

c) Is Null or < 0

d) Is Null or = “+”

Answer: a

(182) What is allowed the input mask symbol # in Access?

a) Letter or digit

b) Letter A through Z

c) A digit 0 - 9 with +/- sign

d) A digit 0 - 9 without +/- sign

Answer: c

(183) Which validation rule allows exactly digits for number fields in Access?

a) Is Null or Between 100000 and 99999

b) Is Null or Like “????”

c) Is Null or ≥ 0 AND ≤ 99999

d) Is Null or ≤ 99999

Answer: c

(184) What is the output when the data ‘1678.95’ is set to the number format ‘###0.00’ in Access?

a) 1670

b) 1670.95

c) 1678

d) 1678.95

Answer: d

(185) Which of the following is a valid time format in Access?

a) hh:mm:ss AM/PM

b) hh.mm.ss AM/PM

- c) hh-mm-ss AM/PM
- d) hh/mm/ss AM/PM

Answer: a

(186) Write the output when the data 'Primary Key' is set to the text < in Access?

- a) Primary key
- b) primary key
- c) PRIMARY KEY
- d) Primary Key

Answer: b

(187) What is the output when the data "FOREIGN key' is set to the text format > in Access?

- a) foreign key
- b) FOREIGN KEY
- c) Foreign Key
- d) Foreign key

Answer: b

(188) What is the reason for not accepting zero in the fields of Access tables?

- a) Fields is set with is Null or > 0
- b) Fields is set with is Null or < = 0
- c) Fields is set with is Null or! [0]
- d) Fields is set with is Null or like ""?

Answer: a

(9) Networking Concepts and Internet Concepts (Start No.: 189)

ToC

(189) Which layer in OSI model performs network routing, flow control and error control function?

- a) Network layer
- b) Session layer
- c) Physical layer
- d) Data link layer

Answer: a

(190) What is the full form of IP?

- a) Internet protect
- b) Intranet protocol
- c) Internet protocol
- d) International protocol

Answer: c

(191) What is the full form of TCP?

- a) Test Control Protocol
- b) Transfer Control Protocol
- c) Transport Control Protocol
- d) Transmission Control Protocol

Answer: d

(192) Which layer is the layer 2 in OSI network model?

- a) Session layer
- b) Physical layer
- c) Data link layer
- d) Transport layer

Answer: c

(193) Which layer is the layer 4 in OSI model?

- a) Session layer
- b) Network layer
- c) Data link layer
- d) Transport layer

Answer: d

(194) Which is the 6th layer in OSI communication model?

- a) Session layer
- b) Network layer
- c) Application layer
- d) Presentation layer

Answer: d

(195) What is the abbreviation of OSI?

- a) Open Source Internet
- b) Open System Interaction
- c) Open Source Interconnection
- d) Open System Interconnection

Answer: d

(196) What is the full form of EFT?

- a) Electronic Form Transfer
- b) Electronic Fund Transfer
- c) Electronic Field Transfer
- d) Electronic Format Transfer

Answer: b

(197) Which is an example for WAN?

- a) Ethernet
- b) Home network
- c) Campus network
- d) Bluetooth network

Answer: a

(198) What is the full form of ADSL?

- a) Asymmetrical Digital System Line
- b) Automatic Digital Subscriber Line
- c) Asymmetrical Digital Subscriber Line
- d) Asynchronous Digital Subscriber Line

Answer: c

(199) Which is the layer 3 in OSI model?

- a) Network layer
- b) Session layer
- c) Physical layer
- d) Data link layer

Answer: a

(200) Which is a reference tool for understanding data communication between any two network system?

- a) LAN
- b) WAN
- c) ISO model
- d) OSI model

Answer: d

(201) What is called the interconnected computer systems located at different places?

- a) Internet
- b) Computer layout
- c) Computer network
- d) Connectivity of computer

Answer: c

(202) Which topology combines characteristics of linear bus and star topologies?

- a) Bus
- b) Star
- c) Tree
- d) Mesh

Answer: c

(203) How many pairs of wires contains in category 5 UTP cable?

- a) 3
- b) 4
- c) 5
- d) 6

Answer: b

(204) What is the maximum speed supported by category 5 UTP cable?

- a) 1Mbps
- b) 10Mbps

- c) 100Mbps
- d) 1000Mbps

Answer: c

(205) Which of the following cable transmits messages in the form of light waves?

- a) STP cable
- b) UTP cable
- c) Co-axial cable
- d) Optical fibre cable

Answer: d

(206) Which device is installed in a subscriber's telephone line to allow both ADSI and regular voice (telephone) services to be used at the same time?

- a) Hub
- b) Switch
- c) MODEM
- d) Micro filter

Answer: d

(207) Which layer of OSI Model, transfer data between network entities?

- a) Layer 1
- b) Layer 2
- c) Layer 3
- d) Layer 4

Answer: d

(208) Which device connects multiple network segments along with the data link layer?

- a) Hub
- b) Bridge
- c) Router
- d) Switch

Answer: b

(209) Which device is used to amplify or regenerate digital signals received while sending them from one port of a network into another?

- a) Hub
- b) Bridge
- c) Switch
- d) Repeater

Answer: d

(210) Which device modulates analog signal to encode digital information and demodulates carrier signal to decode the transmitted information over the telephone network?

- a) Hub
- b) Bridge
- c) Switch
- d) MODEM

Answer: d

(211) Which device is used to connect one network with another network that uses different protocols?

- a) Hub
- b) Router
- c) Switch
- d) Gateway

Answer: d

(212) Which device forwards data packet between computer network?

- a) Hub
- b) Router
- c) Switch
- d) Gateway

Answer: b

(213) What is the speed of standard 10 base T cable?

- a) 1 Mbps
- b) 10 Mbps
- c) 100 Kbps
- d) 100 Mbps

Answer: b

(214) Which type of cable is used in 10 base-FL cable standard?

- a) UTP
- b) STP
- c) Co-axial
- d) Fibre optic

Answer: d

(215) What is the speed of 100BASE-TX cable?

- a) 1 Mbps
- b) 10 Mbps
- c) 100 Kbps
- d) 100 Mbps

Answer: d

(216) Which is the standard connector for category-5, unshielded twisted pair cabling?

- a) RJ11
- b) RJ14
- c) RJ25
- d) RJ45

Answer: d

(217) How many pairs of wires are there in category 1 UTP cables?

- a) 1
- b) 2
- c) 3
- d) 4

Answer: a

(218) Which is an application layer of internet standard protocol used by local e-mail clients to retrieve e-mail from a remote server over a TCP/IP connection?

- a) IP
- b) FTP
- c) UDP
- d) POP

Answer: d

(219) Which layer in OSI model provides transfer the data between end users?

- a) Session layer
- b) Network layer
- c) Data link layer
- d) Transport layer

Answer: d

(220) What is the purpose of the last three layers in OSI model?

- a) common application services
- b) data presentation within the end-user system
- c) passing traffic through the network to an end system
- d) manage the dialogue between end user application process

Answer: c

(221) Which layer of OSI model is the router operate?

- a) Layer 2
- b) Layer 3
- c) Layer 6
- d) Layer 7

Answer: b

(222) Which layer of OSI network model does repeater works?

- a) Layer 1
- b) Layer 2
- c) Layer 3

d) Layer 4

Answer: a

(223) Which is a standard network protocol used to transfer files from one host or to another host over a TCP based network, such as the internet?

a) FTP

b) TCP

c) UDP

d) SMTP

Answer: a

(224) Which is a network protocol used on the internet or LAN to provide a bi-directional interactive text oriented communication facility using a virtual terminal connection?

a) FTP

b) TCP

c) UDP

d) Telnet

Answer: d

(10) Design of static and dynamic web pages (Start No.: 225)

ToC

(225) What is the first tag in html document?

a) <html>

b) <head>

c) <title>

d) </html>

Answer: a

(226) The tag makes the enclosed text bold, which other html tag is used to make text bold?

a) <dark>

b) <bold>

c) <th>

d)

Answer: d

(227) Which html tag is used to display a picture in a web page?

- a) <src>
- b)
- c)
- d) <image>

Answer: c

(228) What is the full form of HTTP?

- a) Hyper Text Testing Protocol
- b) Hyper Text Transfer Protocol
- c) Hyper Test Transfer Protocol
- d) Hyper Text Transfer Program

Answer: b

(229) Which html tag inserts a line horizontally in a page?

- a) <lr>
- b) <l>
- c) <hr>
- d) <line>

Answer: c

(230) What is the full form of CSS?

- a) Computer Style Sheet
- b) Cascading Style Sheet
- c) Cascading System Style
- d) Customized Style Sheet

Answer: b

(231) Which html tag is the smallest heading?

- a) <h1>
- b) <h2>
- c) <h6>
- d) <head>

Answer: c

(232) What is the another name of web address?

- a) URL
- b) Html
- c) Http
- d) Webpage

Answer: a

(233) What are the two main parts, available in html document?

- a) Title and Body
- b) Head and title
- c) Head and Body
- d) Head and document

Answer: c

(234) Which character in html is used to indicate end tag?

- a) \
- b) /
- c) !
- d) <#

Answer: b

(235) Which symbols starts with html comments?

- a) <!
- b) </
- c) <#
- d) <\

Answer: a

(236) Which is used to publish the webpage to a web hosting server?

- a) Http
- b) Php
- c) Kompozer
- d) Blogger

Answer: c

(237) Which attribute is used with <td> tag to merge two cells horizontally?

- a) Colspan = 2
- b) Rowspan = 2
- c) Mergerows
- d) mergecols

Answer: a

(238) Which tag creates a checkbox for a form in html?

- a) <check box>
- b) <input check box>
- c) <input = check box>
- d) <input type = "check box">

Answer: d

(239) Which html tag is used to add a row in a table?

- a) <tr> and </tr>
- b) <cr> and </cr>
- c) <th> and </th>
- d) <td> and </td>

Answer: a

(240) Which html tag is used to divide a row into data cells?

- a) <tr> and </tr>
- b) <cr> and </cr>
- c) <th> and </th>
- d) <td> and </td>

Answer: d

(241) Which is the correct syntax for adding alternate text for image, if the image cannot be displayed?

- a)
- b)
- c)
- d)

Answer: a

(242) Which is the correct H1 tag for right alignment?

- a) `<h1 align = "right"> </h1>`
- b) `<h1 tag align = "right"> </h1>`
- c) `<h1 align = "r"> </h1>`
- d) `<h1 alignment = "right"> </h1>`

Answer: a

(243) What is the use of forms in HTML?

- a) To display a table
- b) To display a list
- c) To send the data to server
- d) To display email contents

Answer: c

(244) What is the correct syntax for making a hyperlink?

- a) `<http: // nimi.gov.in">`
- b) `<url = "http: // nimi.gov.in">nimi`
- c) `nimi`
- d) `nimi</a`

Answer: c

(245) Which is the correct tag for adding iframe in html?

- a) `<iframe http://nimi.gov.in>
</iframe>`
- b) `<iframe ="http: // nimi.gov.in"></iframe>`
- c) `<iframe src = "http://nimi.gov.in"></iframe>`
- d) `<iframe href = "http://nimi.gov.in"> </iframe>`

Answer: c

(246) What is the correct html tag for adding a background color?

- a) `<body color = "Yellow">`
- b) `<body bgcolor = "Yellow">`
- c) `<body background = "Yellow">`
- d) `<body bg = "Yellow">`

Answer: b

(247) How do you add a link which will allow the visitor to send an email from the page?

- a)
- b)
- c) <a="mailto">
- d) <href = "mailto">

Answer: a

(248) What will happen, if the background image is smaller than the screen?

- a) It will be stretched
- b) It will leave a blank space at the bottom of the page
- c) It will leave a blank space at the top of the page
- d) It will be repeated

Answer: d

(249) Which is the correct CSS syntax?

- a) body: color = black;
- b) body { color; black}
- c) {body: color : black;}
- d) {body : color = black;}

Answer: b

(250) Which is the correct html tag for making a text input field?

- a) <text type = "Text">
- b) <input type = "text">
- c) <input type = "textfield">
- d) <input type = "textbox">

Answer: b

(251) Which is the correct html tag for creating password field?

- a) <text type = "password">
- b) <input type = "pwd">
- c) <input type = "password">
- d) <input type = "passcode">

Answer: c

(252) What is the correct html code for inserting a background image?

- a) <body background = "image.jpg">
- b) <body = "image.jpg">
- c) <background = "image.jpg">
- d) <body background = image.jpg>

Answer: a

(253) Which option will match, while making bulleted list?

- a) Square, disc, polygon
- b) triangle, disc, circle
- c) triangle, square, circle
- d) disc, circle, square

Answer: d

(254) What is the meaning of increase the cell padding?

- a) Increase the thickness of table border
- b) Increase the space between cells
- c) Increase the distance between cell and content
- d) Increase the no of cells

Answer: c

(255) Which web language give more control over the HTML elements and allows them to change at any time without returning to the Web server?

- a) BML
- b) XML
- c) HTML
- d) DHTML

Answer: d

(256) What will be the output of the following HTML code?

```
<html>
<body>
<p>
<strong> NIMI </strong>
```

```
</p>  
<p> CHENNAI </p>  
</body>  
</html>
```

- a) NIMI CHENNAI
- b) NIMI
CHENNAI
- c) CHENNAI
NIMI
- d) CHENNAI NIMI

Answer: b

(257) What is the output of the following html?*****

```
<html>  
<body>  
<h2> NIMI <small> CHENNAI </small>  
formatting </h2>  
</body>  
</html>
```

- a) NIMI chennai
- b) NIMI CHENNAI
- c)
NIMI CHENNAI formatting
- d) NIMICHENNAIformatting

Answer: c

(258) What is the output of the following html code?

```
<html>  
<body>  
<p> NIMI <sup> CHENNAI </sup> </p>  
</body> </html>
```

- a)
NIMI chennai
- b) NIMI _{chennai}
- c) NIMI chennai
- d) NIMI CHENNAI

Answer: a

(259) How will the following html code appear in the browser?

```
<html>
<body>
<h1> my first heading </h1>
<p> my first paragraph </p>
</body>
</html>
```

- a) My first heading My first paragraph
- b) My first heading My first **paragraph**
- c) My first heading My first paragraph
- d) My first heading My first **paragraph**

Answer: a

(260) Which of the following code is used to add a plain color background to the web page?

- a) <body bgcolor = "36, 2437">
- b) <body color = "#FF000">
- c) <body bgcolor = "#FF0000">
- d) <bgcolor = "blue">

Answer: c

(11) Javascript (Start No.: 261)

ToC

(261) What is the process of writing instruction to be get executed by the computer?

- a) Debugging
- b) Executing
- c) Presenting
- d) Programming

Answer: d

(262) Which is a statement terminator in javascript?

- a) ,
- b) ;
- c) :
- d) ..

Answer: b

(263) Who developed javascript?

- a) Brendan Eich
- b) Brendan Rich
- c) John Eckerl
- d) John Mauchly

Answer: a

(264) Which programming language's syntax influences javascript syntax?

- a) C
- b) COBOL
- c) Java
- d) JDK

Answer: a

(265) Which web server provides good customer support if it had any issues?

- a) Apache
- b) IIS
- c) Lite speed
- d) Nginx

Answer: b

(266) Which web server has high performance stability simple configuration and low resource usage?

- a) Apache
- b) IIS
- c) Lite speed

d) Nginx

Answer: d

(267) Which key is used to declare a variable in javascript?

a) Const

b) Dec

c) Dim

d) Var

Answer: d

(268) Which is a variable separator if more than one variable declared in one statement?

a) ,

b) :

c) -

d) /

Answer: a

(269) Which brackets is used to write array in java script?

a) Curve bracket

b) Square bracket

c) Curly bracket

d) Corner bracket

Answer: b

(270) Which bracket is used to write object in javascript?

a) Curve bracket

b) Square bracket

c) Curly bracket

d) Corner bracket

Answer: c

(271) What is the purpose module (%) operator in javascript?

a) Percentage value

b) Product value

c) Remainder value

d) Quotient value

Answer: c

(272) How many part are there in 'For' loop?

a) 2

b) 3

c) 4

d) 5

Answer: b

(273) Which part in loop evaluates the conditions?

a) Condition part

b) Increment /Decrement part

c) Initialisation part

d) Looping part

Answer: a

(274) How many types of error are there in javascript programming?

a) 3

b) 4

c) 6

d) 8

Answer: a

(275) How many different values can be returned by the error name property in javascript?

a) 3

b) 4

c) 5

d) 6

Answer: d

(276) Which object method is used to return the value rounded down to its nearest integer?

a) abs()

b) ceil()

- c) floor()
- d) round()

Answer: c

(277) Which special variable holds more than one value at a time?

- a) Array
- b) Element
- c) Function
- d) Object

Answer: a

(278) Which function in javascript converts a number to a string?

- a) Num()
- b) Str()
- c) String()
- d) to string()

Answer: d

(279) Which allows developers to bundle all functionality under a unique application - specific name?

- a) Class
- b) Name space
- c) Object
- d) Property

Answer: b

(280) Which is a valid js code to sort element of an array trade?

- a) Trade.sort:
- b) Trade.sort();
- c) Sort.trade();
- d) Sort.(trade);

Answer: b

(281) What is the full form of BOM?

- a) Browser Object Method
- b) Browser Object Model

- c) Browser Oriented Method
- d) Browser Oriented Model

Answer: b

(282) What is the full form of TOC?

- a) Text of content
- b) Time of calculation
- c) Table of content
- d) Terminator of content

Answer: c

(283) Which is the first phase of System Development Life Cycle?

- a) Testing
- b) Planning
- c) Developing
- d) Defining

Answer: b

(284) What is the abbreviation of W3C in Dom?

- a) Word Wide Web Curriculum
- b) World Wide Web Consortium
- c) World Wide Web Centre
- d) World Wide Web Content

Answer: b

(285) What is the main purpose of JavaScript?

- a) Client side validation
- b) Create web browsers
- c) Read and write files
- d) Store data in the server

Answer: a

(286) Which one is responsible of running javascript code?

- a) Browser
- b) Notepad++
- c) Sublime Text

d) Visual studio code

Answer: a

(287) Which one enables the hosting providers to manage multiple domains on a single server?

a) Network server

b) SQL server

c) Web server

d) Database server

Answer: a

(288) Which sign an 'assignment' operator in javascript?

a) =

b) #

c) ==

d) < >

Answer: a

(289) Which data type in javascript returns the value 'True' or 'False'?

a) Boolean

b) Dynamic

c) Object

d) String

Answer: a

(290) Which operator is used to check both value and type in javascript?

a) #

b) =

c) ==

d) ===

Answer: d

(291) Which assignment operator is equivalent to:

a = a * 5?

a) a = 5 * 9

b) $a = * 5$

c) $a * = 5$

d) $a = 5$

Answer: c

(292) Which single character escape sequence represents ‘line feed’ javascript?

a) \ b

b) \ f

c) \ n

d) \ t

Answer: c

(293) What is the purpose of Initialisation part in ‘for’ loop?

a) exit the loop

b) evaluate the condition

c) increase or decrease the initial variable

d) Initiate the variable

Answer: d

(294) Which keyboard in switch case statement specifies the code to run if there is no case match?

a) Break

b) Case

c) Default

d) End

Answer: c

(295) Which statement is used to test a block of code for errors?

a) Catch

b) Finally

c) Throe

d) Try

Answer: d

(296) Which statement is used to handle the error?

- a) Try
- b) Catch
- c) Throw
- d) Finally

Answer: b

(297) Which statement is used create custom error in javascript?

- a) Catch
- b) Finally
- c) Throw
- d) Try

Answer: c

(298) Which statement is used to execute code after try and catch?

- a) Finally
- b) Syntax error
- c) Throw
- d) Type error

Answer: a

(299) Which error indicates that the numbers is outside the range of legal values?

- a) Range Error
- b) Reference Error
- c) Type Error
- d) URI Error

Answer: a

(300) Which error indicates that the variable used is not declared?

- a) Eval Error
- b) Range Error
- c) Reference Error
- d) Syntax Error

Answer: c

(301) Which error indicates that the value is outside the range of expected type?

- a) Eval Error
- b) Range Error
- c) Syntax Error
- d) Type Error

Answer: d

(302) Which is used to access individual value in an array?

- a) Content Number
- b) Element Number
- c) Table Number
- d) Variable Number

Answer: b

(303) What is the purpose of length property in array?

- a) Returns number of array element
- b) Returns number of characters
- c) Returns number of fields in object array
- d) Returns number of highest array index

Answer: a

(304) Which method joins all array element into string with specified separator?

- a) Join()
- b) Pop()
- c) Push()
- d) To string()

Answer: a

(305) Which method removes the last elements from an array?

- a) Join()
- b) Push()
- c) Pop()
- d) Shift()

Answer: c

(306) Which method is used to add new element to an array?

- a) Join()
- b) Push()
- c) Pop()
- d) Shift()

Answer: b

(307) Which method removes the first array element?

- a) Join()
- b) Pop()
- c) Push()
- d) Shift()

Answer: d

(308) Which variable works as function argument in java script?

- a) Function variable
- b) Global variable
- c) Local variable
- d) Object variable

Answer: c

(309) Which variable declared outside a function in Javascript?

- a) Function variable
- b) Global variable
- c) Local variable
- d) Object variable

Answer: b

(310) Which feature in Javascript has properties and methods?

- a) Array
- b) Function
- c) Object
- d) Controls

Answer: c

(311) Which variable are deleted in JavaScript when the page is closed?

- a) Function variable
- b) Global variable
- c) Local variable
- d) Object variable

Answer: b

(312) Which method is called at the moment of instantiation of an object?

- a) Constructor
- b) Inheritance
- c) Polymorphism
- d) Property

Answer: a

(313) Which is an instance of class?

- a) Class
- b) Name space
- c) Object
- d) property

Answer: c

(314) Which is window method is used to move the current window?

- a) Move()
- b) Move to()
- c) Window move()
- d) Window.move to()

Answer: d

(315) Which is property returns the width of the visitor's screen in pixels?

- a) Width()
- b) Screen width()
- c) Screen.width()

d) Width.screen()

Answer: c

(316) Which property returns the URL of the current page?

a) href()

b) < herf >

c) Location . herf

d) herf . Location

Answer: c

(317) Which property is used to transfer files from one host to another host over internet?

a) IP

b) FTP

c) HTTP

d) SMTP

Answer: b

(318) Which open source software is used to upload from client to server or download from server to client?

a) PHP

b) Perl

c) HTTP

d) FILEZILLA

Answer: d

(319) How will javascript treat a number, when it is enclosed with double or single quotes?

a) Error

b) Number

c) String

d) Zero

Answer: c

(320) What will be the output for the following Javascript code?

```
var x = 13 + "03";  
alert(x);
```

- a) 16
- b) 133
- c) 1303
- d) 13 03

Answer: c

(321) What will be the output, if the javascript code is executed?

```
var x = 1324;  
var y = Number (1324);  
if ( x === y)  
    alert ("Yes");  
else  
    alert ("No");
```

- a) Infinity
- b) Error
- c) No
- d) Yes

Answer: d

(322) What is the output of the following javascript code?

```
var x = " ITI ";  
var y = " GOVT ";  
var o = y.concat (x);  
document.write (o);
```

- a) ITI GOVT
- b) ITIGOVT
- c) GOVTITI
- d) GOVT ITI

Answer: d

(323) What is the output of the following javascript code?*****

```
var name = " Kanya Kumari" ;
```

```
var x = str. substr(8,2);  
document. write (x);
```

- a) um
- b) ma
- c) ar
- d) Ku

Answer: a

(12) Programming in VBA (Start No.: 324)

ToC

(324) Which VBA built in function returns location at the second string occurs within the first string?

- a) Mid()
- b) Chr()
- c) ASC()
- d) Instr()

Answer: d

(325) Which keyword is used to declare the variables in project scope?

- a) Static
- b) Private
- c) Public
- d) Protect

Answer: c

(326) In VBA, How many types of access specifiers available in VBA?

- a) 2
- b) 3
- c) 4
- d) 6

Answer: a

(327) Which type of variable cannot be declared within a procedure in VBA?

- a) Project scope

- b) Local scope
- c) Global scope
- d) Module scope

Answer: d

(328) Which variable recognized only within the procedure in which it is declared?

- a) Local scope
- b) Module scope
- c) Global scope
- d) Project scope

Answer: a

(329) How many levels of variable scope available in VBA?

- a) 2
- b) 3
- c) 4
- d) 7

Answer: c

(330) What will be the output of the following VBA code?

Debug.printformat(#1/1/2017#,"yyyy/mm/dd")

- a) 1-1-2017
- b) Sun, Jan01, 2017
- c) 2017-01-01
- d) Sunday, January 01, 2017

Answer: c

(331) Which function returns true if the expression is a valid date, otherwise it returns false in VBA?

- a) CDate()
- b) IsDate()
- c) Day()
- d) Dateadd()

Answer: b

(332) What is the full form of UDF in VBA?

- a) User Data Functions
- b) User Defined Functions
- c) Undefined Functions
- d) Used Data Functions

Answer: b

(333) Which function returns the day of the month (number from 1 to 31) given date value in VBA?

- a) Day()
- b) Date()
- c) Month()
- d) Datepart()

Answer: a

(334) Which function returns the current system date and time in VBA?

- a) Date()
- b) Day()
- c) Hour()
- d) Now()

Answer: d

(335) Which function extracts the first 5 characters from a string in VBA?

- a) Right (str,5)
- b) Left (str,5)
- c) Mid (str,5)
- d) Substr (str,5)

Answer: b

(336) Which color of dot indicate the breakpoint in VBA?

- a) Grey
- b) Yellow
- c) Maroon

d) Red

Answer: d

(337) Which shortcut key is used to set the properties of form while designing?

a) F4

b) Ctrl + F4

c) Alt + F4

d) Shift + F4

Answer: a

(338) Which shortcut key is used to open code window in VBA?

a) F7

b) Alt + F7

c) Ctrl + F7

d) Shift + F7

Answer: a

(339) Which code is used to display a user form in VBA?

a) Load user Form1

b) User Form1.Show

c) User Form1.Show False

d) User Form1.Load

Answer: b

(340) Which mathematical function returns square root of a specified number in VBA?

a) Sqt()

b) Sqr()

c) Sqrt()

d) Sqr()

Answer: d

(341) Which VBA function is used to convert the string from uppercase to lowercase?

a) Lcase()

- b) Lower()
- c) Ucase()
- d) Upper()

Answer: a

(342) Which of the following is logical operator in VBA?

- a) +
- b) -
- c) *
- d) AND

Answer: d

(343) Which character is to be suffixed for long data type in VBA?

- a) &
- b) !
- c) #
- d) @

Answer: a

(344) What is the storage size of decimal data type in VBA?

- a) 2 bytes
- b) 4 bytes
- c) 8 bytes
- d) 12 bytes

Answer: d

(345) What is the storage size of currency data type in VBA?

- a) 2 bytes
- b) 4 bytes
- c) 8 bytes
- d) 12 bytes

Answer: c

(346) How many numeric data types available in Excel VBA?

- a) 4
- b) 5

c) 7

d) 8

Answer: c

(347) What is the another name for keywords in VBA?

a) Literals

b) Variables

c) User defined words

d) Reserved words

Answer: d

(348) Which key word is used to declare the variable in VBA?

a) Sub

b) Declare

c) Dim

d) AS

Answer: c

(349) Which data type can hold any type of values in VBA?

a) Variant

b) Variable

c) Constant

d) Keyword

Answer: a

(350) Which entity hold data in VBA?

a) Literals

b) Constants

c) Keywords

d) Variables

Answer: d

(351) Which worksheet method is used to copy a sheet to another location in the workbook?

a) Activate

b) Copy

- c) Save AS
- d) Select

Answer: b

(352) Which VBA worksheet property return or sets a string value that represents the object name?

- a) Name
- b) Index
- c) Range
- d) Cells

Answer: a

(353) Which method displays the data form associated with the worksheet in VBA?

- a) Copy
- b) Printout
- c) Show Data Form
- d) Select

Answer: c

(354) Which VBA property returns a range object that represents all the cells on the worksheet?

- a) Cells
- b) Rows
- c) Index
- d) Name

Answer: a

(355) Which object is member of the workbook?

- a) Sheets
- b) Workbook
- c) Worksheet
- d) Range

Answer: c

(356) Which type of work book method cannot be modified in VBA?

- a) Close
- b) Save
- c) Save AS
- d) Protect

Answer: d

(357) Which workbook property returns the name of the object including its path on disk in VBA?

- a) Full name
- b) Name
- c) Path
- d) Worksheets

Answer: a

(358) Which can hold lot of data with one variable in VBA?

- a) Arrays
- b) Collections
- c) Groups
- d) Methods

Answer: b

(359) Which type of list box enables one choice of adjacent choice in VBA?

- a) Drop down list
- b) Single - selection list box
- c) Multiple - selection list box
- d) Extended - selection list box

Answer: c

(360) Which button has three states in VBA?

- a) Option button
- b) Spin button
- c) Push button
- d) Command button

Answer: a

(361) Which box groups related controls into one visual unit in a rectangle with an optional label?

- a) Label box
- b) Group box
- c) List box
- d) Combo box

Answer: b

(362) Which is used to create user interface forms?

- a) C
- b) VBA
- c) HTML
- d) Javascript

Answer: b

(363) Where does Excel come in object hierarchy of VBA?

- a) Range object
- b) Workbook object
- c) Worksheet object
- d) Application object

Answer: d

(364) Which shortcut key is used to open project explorer window in VBA?

- a) Ctrl + R
- b) Ctrl + P
- c) Ctrl + W
- d) Ctrl + E

Answer: a

(365) Which shortcut key is used to open VBA Editor from the Excel worksheet?

- a) Ctrl + F11
- b) Alt + F11
- c) Ctrl + V

d) Ctrl + F7

Answer: b

(366) What is the Full form of IDE?

a) Integrated Development Element

b) Internal Development Environment

c) Integrated Development Environment

d) Internal Distributed Environment

Answer: c

(367) Which shortcut key is used to step into line - by- line execution in VBA?

a) F2

b) F4

c) F5

d) F8

Answer: d

(368) What is called the set of commands bundled together under one name?

a) Properties

b) Macros

c) Procedures

d) Events

Answer: b

(369) What is called the set of statement that are executed under one name?

a) Macros

b) Properties

c) Procedures

d) Events

Answer: c

(370) Which one is attributes of an object in VBA?

a) Procedures

- b) Events
- c) Macros
- d) Properties

Answer: d

(371) What is called double clicking an object in VBA?

- a) Events
- b) Macros
- c) Procedures
- d) Methods

Answer: a

(372) Which is used to type / edit the programming code in VBA?

- a) Form window
- b) Properties window
- c) Immediate window
- d) Visual basic editor

Answer: d

(373) What is the alternate name of Bugs?

- a) Errors
- b) Keywords
- c) Variables
- d) Constants

Answer: a

(374) Which simplifies the work to be eliminating or rewriting the code in VBA?

- a) Class
- b) Object
- c) Macros
- d) Functions

Answer: c

(375) Which type of variable can be accessed or used by subroutines outside the modules in VBA?

- a) Static
- b) Private
- c) Protect
- d) Public

Answer: d

(376) Where there is no difference between dim and private in VBA?

- a) Local scope
- b) Module scope
- c) Global scope
- d) Project scope

Answer: b

(377) Which method is used to pass the reference to the arguments?

- a) Ref
- b) Val
- c) Reference
- d) By Ref

Answer: d

(378) Which function is used to check whether the given input is numeric or Not in VBA?

- a) Numeric()
- b) Isnumber()
- c) Isnumeric()
- d) Isnum()

Answer: c

(379) Which function returns specified part of a given date in VBA?

- a) Day()
- b) Datevalue()
- c) Datediff()
- d) Datepart()

Answer: d

(380) Which function returns the difference between two date values based on the interval specified in VBA?

- a) Datediff()
- b) Day()
- c) Daydiff()
- d) Datedif()

Answer: a

(381) What is the return type of CSng function in VBA?

- a) Boolean
- b) Variant
- c) Single
- d) String

Answer: c

(382) Which VBA code is used to load user form into memory but do not display?

- a) User form1.Show
- b) Load userform1
- c) Userform1.load
- d) Show userform1

Answer: b

(383) Which VBA code is used to remove the user form from memory?

- a) Unload me
- b) Userform1.hide
- c) Unload userform1
- d) User form show false

Answer: c

(384) Which window displays the watched expression including the one just added?

- a) Module window
- b) Immediate window
- c) Watch window

d) Debug window

Answer: c

(385) Which one is indicated by a red dot with a line of code highlighted in red in VBA?

a) Break point

b) Start point

c) End point

d) Error point

Answer: a

(386) Which function returns the integer portion of a number in VBA?

a) Int()

b) Format()

c) Abs()

d) Sign()

Answer: a

(387) Which function returns the hyperbolic cosine of the specified angle in VBA?

a) Abs()

b) Cos()

c) Cosh()

d) hcos()

Answer: c

(388) Which mathematical function generates a random number in VBA?

a) Random()

b) Rnd()

c) Rand()

d) Round()

Answer: b

(389) Which operators are concatenation operator in VBA?

a) + and -

- b) & and -
- c) & and +
- d) & and *

Answer: c

(390) Which type of words cannot use for any other purpose in VBA?

- a) Literals
- b) Keywords
- c) Constants
- d) Variables

Answer: b

(391) Which is a series of items where all items share the same properties and methods in VBA?

- a) Arrays
- b) Groups
- c) Methods
- d) Collections

Answer: d

(392) Which button allows a single choice within a limited set of mutually exclusive choice?

- a) Button
- b) Option button
- c) Spin button
- d) Toggle button

Answer: b

(393) Which box has three states in VBA?

- a) List box
- b) Combo box
- c) Check box
- d) Group box

Answer: c

(394) Which one creates a box with a scrollable list containing a number of input values in VBA?

- a) Combo box
- b) Option button
- c) Text box
- d) List box

Answer: d

(395) Which control is suitable to collect the input from the user in VBA?

- a) Label
- b) Text box
- c) Command button
- d) User form

Answer: b

(396) Which is a proper object hierarchy in VBA?

- a) Worksheet, Workbook, Application, Range
- b) Range, Application, Worksheet, Workbook
- c) Range, Worksheet, Workbook, Application
- d) Application, Workbook, Worksheet, Range

Answer: d

(397) What is the shortcut key to run the current procedure in VBA?

- a) F2
- b) F4
- c) F5
- d) F8

Answer: c

(398) Which window displays the entire list of local variables and their current values in VBA?

- a) Locals window
- b) Watch window
- c) Immediate window

d) Debugging window

Answer: a

(399) Which window is similar to the locals window, but it is used to tracing the variables in VBA?

a) Call stack window

b) Watch window

c) Immediate window

d) Debugging window

Answer: b

(400) Which shortcut key is used to open the immediate window?

a) Ctrl + G

b) Ctrl + L

c) Alt + G

d) Alt + L

Answer: a

(401) What is the another name trigger for an action in VBA?

a) Methods

b) Modules

c) Events

d) Macros

Answer: c

(402) Which shortcut key allows debugger to run the current procedure and go line after line called the procedure in VBA?

a) Ctrl + Shift + F6

b) Ctrl + Shift + F7

c) Ctrl + Shift + F8

d) Ctrl + Shift + F9

Answer: c

(403) While debugging code, which statement allows to go to the highlighted line?

a) Step into

- b) Step over
- c) Step out
- d) Show next

Answer: d

(404) Which control is used to increase or decrease a value, such as a number time or date?

- a) Scroll Bar
- b) Spin Button
- c) Combo Box
- d) Toggle Button

Answer: b

(405) Which VBA function compares given strings and returns -1 if the first string is smaller than the second string, returns 0 if both are equal and 1 if the first string is greater than second string?

- a) Strcmp
- b) Strcomp
- c) Compare
- d) Scmp

Answer: a

(406) Which scope does the variable declared with dim and remains in the existence only as long as the procedure in which it is declared is running?

- a) Global scope
- b) Local scope
- c) Module scope
- d) Project scope

Answer: b

(407) What will be the output of the following VBA code?

Sub test ()

a = 9

Debug.Print Sqr (a)

End sub

- a) 3
- b) 9
- c) 18
- d) 81

Answer: a

(408) What will be the output for the following VBA code?

Debug.print

DateDiff("yyyy","1/12/2016","31/1/2017")

- a) 0
- b) 1
- c) 11
- d) 30

Answer: b

(409) What will be the output of the following VBA code?

Sub test ()

x = "institutue"

Debug.print Format (x,">")

End sub

- a) Institute
- b) institute
- c) INSTITUTE
- d) instiTUTE

Answer: c

(410) What will be the output of the following VBA code?

Sub test ()

Dim S AS string

S = "wholehearted"

Debug.Print mid(s,6,4)

End sub

- a) arte
- b) hear
- c) hole

d) eart

Answer: b

(411) What will be the output of the following VBA code?*****

```
Sub test ( )  
a = " Computer operator"  
Debug.Print left(a,10)  
End sub
```

- a) Operator
- b) Computer 0
- c) Computer
- d) Computer operator

Answer: c

(412) What will be the output of the following VBA code?

```
Sub test ( )  
Dim l as integer  
Dim S as string  
S = "Time is money"  
l = len(s)  
Debug.print "The length is " & l  
End sub
```

- a) 13
- b) The length is 11
- c) The length is 13
- d) THE LENGTH IS 13

Answer: c

(413) What will be the output of the following VBA function?

```
Sub stg ( )  
Str = "Mathematics"  
Debug.Print right (str,6)  
End sub
```

- a) Matics
- b) Mathem
- c) Mathemat

d) Mathematics

Answer: a

(13) E-Commerce (Start No.: 414)

ToC

(414) What is the full form of EDI?

- a) Electronic Data Interchange
- b) Electronic Direct Interchange
- c) Electronic Data Information
- d) Electronic Data Interconnection

Answer: a

(415) What is the abbreviation of CGI?

- a) Computer Gateway Interface
- b) Common Gateway Interface
- c) Computer Gateway Interconnection
- d) Common Gateway Interconnection

Answer: b

(416) Which type of E - Commerce is payment Gateway?

- a) b2b
- b) b2c
- c) g2c
- d) g2b

Answer: c

(417) Which type of E - Commerce is tenders and submission of application?

- a) b2b
- b) b2c
- c) g2c
- d) g2b

Answer: d

(418) Which type of E - Commerce is Amazon?

- a) b2b

- b) b2c
- c) g2b
- d) g2c

Answer: b

(419) What is called sale or purchase of items without physically visiting a shop?

- a) E - Commerce
- b) POS
- c) Traditional Commerce
- d) E - Service

Answer: a

(420) Which scope of E- Commerce business platforms like amazon, ebay, etc?

- a) National
- b) Local
- c) Global
- d) Virtual

Answer: c

(421) What is the full form of COD in E -Commerce?

- a) Cash on Delivery
- b) Cash on Demand
- c) Commerce on Delivery
- d) Cart on Delivery

Answer: a

(422) Which one is E - Commerce site?

- a) Yahoo
- b) Bing
- c) Google
- d) Amazon

Answer: d

(423) Which one is a online payment?

- a) Flipkart
- b) Paytm
- c) Gmail
- d) Reliance jio

Answer: b

(424) Which type of attack is a method of defeating a cryptographic scheme of trying a large number of possibilities?

- a) Teardrop attack
- b) Brute force attack
- c) Phlashing
- d) Smurf attack

Answer: b

(425) Which is the model in E - Commerce, if the seller and buyer are both business firms?

- a) Consumer to Business
- b) Business to Consumer
- c) Business to Business
- d) Consumer to Consumer

Answer: c

(426) Which is the model in E - Commerce, if the seller is a business and the individual is an consumer?

- a) Consumer to Business
- b) Business to Consumer
- c) Business to Business
- d) Consumer to Consumer

Answer: b

(427) Which is the model in E - Commerce, if the seller is an individual and the buyer is a business firm?

- a) Consumer to Business
- b) Business to Consumer
- c) Business to Business

d) Consumer to Consumer

Answer: a

(428) Which is the model in E - Commerce, if the seller and the buyer are the both individuals?

a) Consumer to Business

b) Business to Consumer

c) Business to Business

d) Consumer to Consumer

Answer: d

(429) Which option in E - Commerce, helps to keep selected products until checkout / payment?

a) Basket

b) Cart

c) Tray

d) COD

Answer: b

(430) Which is the function of specifying access rights to resources related to information security?

a) OTP

b) Pin

c) Authorization

d) Pass code

Answer: c

(431) Which refers to paying the money back to the buyer after the price has been deducted from the account?

a) Refund

b) Return

c) Deduction

d) Charge back

Answer: a

(432) Which card permits online payment using balance amount available in bank account?

- a) Credit card
- b) PayPal
- c) Debit card
- d) Wallet

Answer: c

(433) Which is the set of rules that limits access to information?

- a) Availability
- b) Integrity
- c) Authenticity
- d) Confidentiality

Answer: d

(434) Which is the process of ensuring the data, transactions, communication or documents are genuine?

- a) Availability
- b) Integrity
- c) Authenticity
- d) Confidentiality

Answer: c

(435) What is the purpose of OLX web site?

- a) Uploading Files
- b) Buying and selling products
- c) Searching Documents
- d) Recovering files

Answer: b

(436) Which of the following authenticates and handles credit card payment for E-Commerce?

- a) Payment gateway
- b) E - Commerce gateway
- c) Software gateway

d) E-Wallets

Answer: a

(437) What is the another name called PDoS?

- a) Brute force attack
- b) Non technical attack
- c) Phlashing
- d) Smurf attack

Answer: c

(14) Cyber Security (Start No.: 438)

ToC

(438) When the Indian parliament passed the IT Act?

- a) 1990
- b) 1992
- c) 2000
- d) 2005

Answer: c

(439) What is the full form of LDAP?

- a) Light Weight Directory Access Provider
- b) Light Weight Directory Access Protocol
- c) Light Weight Directory Access Program
- d) Light Weight Directory Access Protection

Answer: b

(440) What is called the collective terms of malicious software, such as viruses, worms and trojans?

- a) Spam
- b) Phishing
- c) Malware
- d) Harm

Answer: c

(441) What is called protecting data from online attacks, deletions, malwares?

- a) Physical security
- b) Cyber security
- c) Cyber attack
- d) Virus

Answer: b

(442) What is called the protection of information and data from unauthorized Access?

- a) Physical security
- b) Link security
- c) Risk management
- d) Information security

Answer: d

(443) What is the full form of CIA under information security?

- a) Confidentiality Integrity Availability
- b) Criminal Investigation Agency
- c) Cost Information Agency
- d) Credit Integrity Assessment

Answer: a

(444) What is called periodic assessment of security vulnerability in computer system?

- a) Threat
- b) Attack
- c) Hacking
- d) Security audit

Answer: d

(445) What is called a single point of access for several networking services?

- a) Phishing
- b) Web service
- c) Directory service
- d) Worms

Answer: c

(446) Which activities endanger the sovereignty and integrity of nation?

- a) Cyber Terrorism
- b) Cyber vandalism
- c) Cyber squatting
- d) Carding

Answer: a

(447) Which crime involves the use of computer networks to create, distribute or access materials that sexually exploit underage persons?

- a) Assault by Threat
- b) Cyber squatting
- c) Cyber vandalism
- d) Child pornography

Answer: d

(448) What is called the unauthorized control/ access over the computer system and destroys the data?

- a) Defamation
- b) Carding
- c) Hacking
- d) Cyber - stalking

Answer: c

(449) Which method go through all the files or network elements with an intention to detect something unusual?

- a) Probing
- b) Phishing
- c) Infecting
- d) Scanning

Answer: d

(15) Database Management Systems (Start No.: 450)

ToC

(450) Information collected for any purpose is called _____.

- a) computer
- b) keyboard
- c) data
- d) print

Answer: c

(451) The system for digital storage, analysis and retrieval of data is called _____.

- a) Database Management System (DBMS)
- b) Storage System
- c) File System
- d) Operating System

Answer: a

(452) _____ system organises data in the form of tables and columns.

- a) Object Oriented Database Management
- b) No SQL Database
- c) Comma Separated Value (CSV)
- d) Relational Database Management

Answer: d

(453) _____ proposed the Relational Database Management System (RDBMS).

- a) Brian Kernighan
- b) Edgar Codd
- c) Dennis Ritchie
- d) James Gosling

Answer: b

(454) _____ system considers data based on object oriented paradigm.

- a) Object Oriented Database Management
- b) No SQL Database

- c) Comma Separated Value (CSV)
- d) Relational Database Management

Answer: a

(455) SQL in RDBMS stands for _____.

- a) Structured Query Language
- b) Standard Quality Language
- c) Secret Query Language
- d) Structured Query Ligature

Answer: a

(456) According to Codd's rules, _____ is the only language permitted for RDBMS.

- a) Python
- b) Java
- c) C++
- d) SQL

Answer: d

(457) For unstructured data requiring fast access without any SQL, _____ system is suitable.

- a) Object Oriented Database Management
- b) No SQL Database
- c) Comma Separated Value (CSV)
- d) Relational Database Management

Answer: b

(458) A hybrid database management system which permits SQL and No-SQL paradigms is called _____.

- a) SQL
- b) No SQL
- c) New SQL
- d) RDBMS

Answer: c

(459) RDBMS organises data in the form of _____.

- a) databases and tables
- b) keys and values
- c) questions and answers
- d) lines and curves

Answer: a

(460) _____ in DBMS may contain many tables.

- a) database
- b) room
- c) keyboard
- d) mouse

Answer: a

(461) The system of DBMS which does not use SQL is called _____.

- a) SQL
- b) MS Access
- c) MySQL
- d) NoSQL

Answer: d

(462) Each database contains several _____.

- a) Files
- b) Keyboards
- c) Tables
- d) Mice

Answer: c

(463) Some of the alternatives to RDBMS for database management are _____.

- a) Entity Relationship Model
- b) Object Relational Model
- c) Semi-Structured Model
- d) all of them

Answer: d

(464) Oracle, IBM DB2, Microsoft SQL server, Teradata, Informix and SAP ASE are examples of _____.

- a) Office software
- b) Professional RDBMS software
- c) Drafting software
- d) Operating Systems

Answer: b

(465) MySQL, PostgreSQL and SQLite are examples of _____ software.

- a) Closed Source RDBMS
- b) NoSQL
- c) OpenSource RDBMS
- d) OODBMS

Answer: c

(466) Edgar Codd proposed _____ as the only data sublanguage.

- a) C++
- b) Java
- c) Python
- d) SQL

Answer: d

(467) Codd's rules ensure _____ independence of data.

- a) Physical/ Logical
- b) Integrity
- c) distribution
- d) all of them

Answer: d

(468) To store character objects, _____ data types may be used.

- a) Char
- b) varchar
- c) CLOB
- d) all of them

Answer: d

(469) To store numeric data, _____ data types may be used.

- a) Int
- b) bigint
- c) double
- d) all of them

Answer: d

(470) To store date and time together, _____ data type may be used.

- a) Blob
- b) datetime
- c) clob
- d) varchar

Answer: b

(471) The column having unique value to identify each row and help searching is called _____.

- a) Primary key
- b) Foreign key
- c) table
- d) SQL

Answer: a

(472) The primary key of one table when referred in another table is called _____.

- a) Primary key
- b) Foreign key
- c) table
- d) SQL

Answer: b

(473) DBA stands for _____.

- a) DataBase Access
- b) DataBase Accounting
- c) DataBase Administrator

d) DataBase Assignment

Answer: c

(474) The structure of a table is called _____.

a) Design

b) schema

c) appearance

d) description

Answer: b

(475) DBA can _____.

a) Create/ drop users

b) grant privileges

c) revoke privileges

d) all of them

Answer: d

(476) Database users can have privileges for _____.

a) Create

b) insert

c) update/ delete

d) any or all of them

Answer: d

(477) Organising a set of columns into suitable tables with primary key and other constraints is called _____.

a) Authorization

b) administration

c) normalisation

d) proportion

Answer: c

(478) _____ stages of normalisation are available.

a) 2

b) 3

c) 4

d) 5

Answer: d

(479) _____ is/are examples of integrity rules.

- a) Domain Integrity
- b) Entity Integrity
- c) Referential Integrity
- d) all of them

Answer: d

(480) When primary key of a table is referred through foreign keys in many tables, it called _____ relation.

- a) One to One
- b) One to Many
- c) Many to Many
- d) none of them

Answer: b

(481) When many foreign keys in one table are referred by many other foreign keys in other tables, it called _____ relation.

- a) One to One
- b) One to Many
- c) Many to Many
- d) none of them

Answer: c

(482) When the primary key of one table is referred by foreign key in another table, it called _____ relation.

- a) One to One
- b) One to Many
- c) Many to Many
- d) none of them

Answer: a

(483) char, varchar, text, tinytext, mediumtext, longtext and clob in MySQL can handle _____ data.

- a) numeric
- b) bit/ byte
- c) date/ time
- d) character/ text

Answer: d

(484) binary, varbinary, tinyblob, mediumblob and blob in MySQL can handle _____ data.

- a) numeric
- b) bit/ byte
- c) date/ time
- d) character/ text

Answer: b

(485) int, tinyint, smallint, mediumint, bigint, decimal, float, real and double in MySQL can handle _____ data.

- a) numeric
- b) bit/ byte
- c) date/ time
- d) character/ text

Answer: a

(486) date, datetime, timestamp, time and year in MySQL can handle _____ data.

- a) numeric
- b) bit/ byte
- c) date/ time
- d) character/ text

Answer: c

(487) DDL in SQL stands for _____.

- a) Data Definition Limit
- b) Data Definition Loss
- c) Data Definition Local
- d) Data Definition Language

Answer: d

(488) DML in SQL stands for _____.

- a) Data Manipulation Language
- b) Data Matrix Language
- c) Data Machine Language
- d) Data Meta Language

Answer: a

(489) DQL in SQL stands for _____.

- a) Data Question Language
- b) Data Query Language
- c) Data Queue Language
- d) Data Quantum Language

Answer: b

(490) DCL in SQL stands for _____.

- a) Data Collection Language
- b) Data Common Language
- c) Data Correction Language
- d) Data Control Language

Answer: d

(491) New databases and tables can be created using _____.

- a) DDL
- b) DML
- c) DQL
- d) DCL

Answer: a

(492) Data contained in tables can be selected and displayed using _____.

- a) DDL
- b) DML
- c) DQL
- d) DCL

Answer: c

(493) New rows of data can be inserted using _____.

- a) DDL
- b) DML
- c) DQL
- d) DCL

Answer: b

(494) Creation of users, granting of privileges, revoking privileges and dropping users can be done using _____.

- a) DDL
- b) DML
- c) DQL
- d) DCL

Answer: d

(495) Codd's Rules for RDBMS are numbered _____.

- a) from 1 to 12
- b) from 0 to 12
- c) from -6 to +5
- d) from 1 to 13

Answer: b

(496) Codd's Rule 3 permits use of _____ in places where data is not available.

- a) null value
- b) positive value
- c) negative value
- d) full value

Answer: a

(497) Codd's rule 12 states that there should be _____ data sublanguage(s).

- a) many
- b) no

- c) only one
- d) five

Answer: c

(498) Specifying AUTO_INCREMENT constraint will make make the column value to _____.

- a) decrease automatically
- b) remain unchanged
- c) decrease manually
- d) increase automatically

Answer: d

(499) The terms NOT NULL, AUTO_INCREMENT, PRIMARY KEY, INDEX, DEFAULT and UNIQUE are called _____.

- a) keywords
- b) restraints
- c) directions
- d) constraints

Answer: d

(500) _____ normal form has column names and data types.

- a) 1st
- b) 2nd
- c) 3rd
- d) 4th

Answer: a

(501) _____ normal form requires defining primary key for each table.

- a) 1st
- b) 2nd
- c) 3rd
- d) 4th

Answer: c

(502) _____ normal form divides unrelated columns of a table into separate tables.

- a) 1st
- b) 2nd
- c) 3rd
- d) 4th

Answer: d

(503) _____ normal form removes repeated data.

- a) 1st
- b) 2nd
- c) 3rd
- d) 4th

Answer: b

(504) _____ normal form divides a large table into smaller tables connected by keys.

- a) 1st
- b) 2nd
- c) 3rd
- d) 5th

Answer: d

(505) A set of operations on a database table is called _____.

- a) transaction
- b) consolidation
- c) correction
- d) roll back

Answer: a

(506) After making a transaction, _____ is done to make the changes permanent.

- a) roll back
- b) select
- c) commit

d) delete

Answer: c

(507) After making a transaction, _____ could be done to discard the changes.

a) roll back

b) select

c) commit

d) delete

Answer: a

(508) In relation to transaction, ACID stands for _____.

a) Atomicity, Confidentiality, Integrity, Durability

b) Authenticity, Confidentiality, Integrity, Durability

c) Atomicity, Confidentiality, Intensity, Durability

d) Atomicity, Connectivity, Integrity, Durability

Answer: a

(509) ACID property of transaction ensures _____.

a) there is no data corruption

b) failure of transaction does not affect existing data

c) data can remain integral for long time

d) all of them

Answer: d

(510) Selecting results by combining 2 or more tables is called _____ tables.

a) dropping

b) joining

c) selecting

d) creating

Answer: b

(511) When intersection of two tables is selected, it is called _____ join.

a) inner

- b) left
- c) right
- d) cross

Answer: a

(512) When entire right side table and the intersection of two tables is selected, it is called _____ join.

- a) inner
- b) left
- c) right
- d) cross

Answer: c

(513) When entire left side table and the intersection of two tables is selected, it is called _____ join.

- a) inner
- b) left
- c) right
- d) cross

Answer: b

(514) When each row in left table is joined with all rows in right side table, it is called _____ join.

- a) inner
- b) left
- c) right
- d) cross

Answer: d

(515) When the result of one query is used inside a larger query, it is called _____.

- a) major query
- b) minor query
- c) sub-query
- d) data query

Answer: c

(516) The functions like SUM, AVG, COUNT, MIN, MAX and STDEV in SQL are _____ functions.

- a) aggregating
- b) totalling
- c) datetime
- d) trigonometric

Answer: a

(16) Python (Start No.: 517)

ToC

(517) Python is _____ based programming language.

- a) compiler
- b) interpreter
- c) no syntax
- d) curly brace

Answer: b

(518) Python language was created by _____.

- a) Dennis Ritchie
- b) James Gosling
- c) Mark Zuckerberg
- d) Guido Van Rossum

Answer: d

(519) Python supports _____.

- a) dynamic datatypes (on its own)
- b) automatic garbage collection
- c) indentation for block definition
- d) all of them

Answer: d

(520) In Python, new block of code begins with _____.

- a) extra indentation
- b) curly bracket

- c) square bracket
- d) paranthesis

Answer: a

(521) Python supports _____ programming.

- a) procedural
- b) object oriented
- c) aspect oriented
- d) all of them

Answer: d

(522) Python _____ the data types for variables.

- a) wants programmers to define
- b) never cares about
- c) automatically decides
- d) discards

Answer: c

(523) Autmatic garbage collection in Python ensures _____.

- a) release of unused memory
- b) wastage of memory
- c) filling up of memory with junk data
- d) locking of memory

Answer: a

(524) Python programs may run _____.

- a) even when some portions have errors
- b) until an error line is encountered
- c) so long as error condition is not reached
- d) all of them

Answer: d

(525) Path for Python interpreter may be set using _____.

- a) Environment variables in control panel/ settings
- b) MS Word
- c) MS Excel

d) MS Paint

Answer: a

(526) Python functions start with the keyword _____.

a) function

b) sub

c) def

d) func

Answer: c

(527) New block of code in Python starts with the symbol _____ followed by indentation.

a) ;

b) """

c) #

d) :

Answer: d

(528) Single line comments in Python start with _____ symbol.

a) ;

b) """

c) #

d) :

Answer: c

(529) Multiline comments in Python begin and end with the symbol _____.

a) ;

b) """

c) #

d) :

Answer: b

(530) Variables in Python may contain _____.

a) alphabets

b) numbers

- c) _ (underscore)
- d) all of them

Answer: d

(531) Variables in Python should _____.

- a) begin with alphabets or _
- b) not contain special characters (!, @, #, etc.)
- c) not contain space
- d) all of them

Answer: d

(532) Variables in Python are _____.

- a) case sensitive
- b) case insensitive
- c) never used
- d) not taken care of

Answer: a

(533) In python, byte, int, float and complex data types deal with _____ variables.

- a) numeric
- b) String
- c) boolean
- d) collection

Answer: a

(534) In Python, bool datatype deals with _____ variables.

- a) numeric
- b) String
- c) boolean
- d) collection

Answer: c

(535) In Python, str datatype deals with _____ variables.

- a) numeric
- b) String

- c) boolean
- d) collection

Answer: b

(536) In python, list, set, tuples, dict and frozenset deal with _____ variables.

- a) numeric
- b) String
- c) boolean
- d) collection

Answer: d

(537) To cast given data into integer type, _____ function is used in Python.

- a) int()
- b) float()
- c) str()
- d) boolean()

Answer: a

(538) To cast given data into String type, _____ function is used in Python.

- a) int()
- b) float()
- c) str()
- d) boolean()

Answer: c

(539) To cast given data into float type, _____ function is used in Python.

- a) int()
- b) float()
- c) str()
- d) boolean()

Answer: b

(540) To cast given data into boolean type, _____ function is used in Python.

- a) int()
- b) float()
- c) str()
- d) boolean()

Answer: d

(541) In Python, _____ operator calculates power value of given number.

- a) **
- b) //
- c) #
- d) %

Answer: a

(542) In Python, _____ operator returns remainder value after division.

- a) **
- b) //
- c) #
- d) %

Answer: d

(543) In Python, _____ operator returns the quotient after division of numbers.

- a) **
- b) //
- c) #
- d) %

Answer: b

(544) In Python, operators like +=, -=, *=, /=, %=, //=, &=, |=, >>=, <<= operate upon given numbers and place the result in _____.

- a) accumulator in registers

- b) the original variable itself
- c) new variable named x
- d) new constant named x

Answer: b

(545) _____ operator denotes bitwise AND operator in Python.

- a) &
- b) |
- c) >>
- d) <<

Answer: a

(546) _____ operator denotes bitwise OR operator in Python.

- a) &
- b) |
- c) >>
- d) <<

Answer: b

(547) _____ operator denotes bitwise LEFT SHIFT operator in Python.

- a) &
- b) |
- c) >>
- d) <<

Answer: d

(548) _____ operator denotes bitwise RIGHT SHIFT operator in Python.

- a) &
- b) |
- c) >>
- d) <<

Answer: c

(549) _____ operator denotes bitwise XOR operator in Python.

- a) ~
- b) ^
- c) >>
- d) <<

Answer: b

(550) _____ operator denotes bitwise NOT operator in Python.

- a) ~
- b) ^
- c) >>
- d) <<

Answer: a

(551) _____ operator in Python compares two values and returns true if they are equal.

- a) ==
- b) !=
- c) >
- d) <

Answer: a

(552) _____ operator in Python compares two values and returns true if they are NOT equal.

- a) ==
- b) !=
- c) >
- d) <

Answer: b

(553) _____ logical operator returns true only if both left and right side values are true.

- a) AND
- b) OR
- c) NOT
- d) NONE

Answer: a

(554) _____ logical operator returns true if at least one of the two values is true.

- a) AND
- b) OR
- c) NOT
- d) NONE

Answer: b

(555) _____ logical operator returns true if the given value is FALSE.

- a) AND
- b) OR
- c) NOT
- d) NONE

Answer: c

(556) Python supports _____ statement for decision making.

- a) if...elif...else
- b) if... else if...else
- c) switch...case...default
- d) ternary operator

Answer: a

(557) Python supports _____ and _____ loops.

- a) do while and until
- b) for and until
- c) for and while
- d) foreach and while

Answer: c

(558) def keyword in python starts a _____.

- a) class
- b) loop
- c) condition

d) function

Answer: d

(559) _____ function in Python opens a file.

a) close

b) open

c) read

d) write

Answer: b

(560) _____ function in Python writes content to a file.

a) close

b) open

c) read

d) write

Answer: d

(561) _____ function in Python reads content from a file.

a) close

b) open

c) read

d) write

Answer: c

(562) _____ function in Python closes an open file.

a) close

b) open

c) read

d) write

Answer: a

(563) _____ is the symbol to open a file in reading mode in Python.

a) r

b) w

c) a

d) b

Answer: a

(564) _____ is the symbol to open a file in appending mode in Python.

- a) r
- b) w
- c) a
- d) b

Answer: c

(565) _____ is the symbol to open a file in writing mode in Python.

- a) r
- b) w
- c) a
- d) b

Answer: b

(566) _____ is the symbol to open a binary file in Python.

- a) r
- b) w
- c) a
- d) b

Answer: d

(567) Strings can be trimmed using _____ function in Python.

- a) trim
- b) ltrim
- c) rtrim
- d) strip

Answer: d

(568) Strings can be converted to all capitals using _____ function in Python.

- a) lower
- b) find
- c) upper

d) join

Answer: c

(569) Strings can be converted to small letters using _____ function in Python.

a) find

b) lower

c) upper

d) join

Answer: b

(570) Lists in Python are enclosed inside _____ brackets.

a) square []

b) parentheses ()

c) Curly braces {}

d) Triangle brackets <>

Answer: a

(571) Arrays in Python are enclosed inside _____ brackets.

a) square []

b) parentheses ()

c) Curly braces {}

d) Triangle brackets <>

Answer: a

(572) Dictionaries in Python are enclosed inside _____ brackets.

a) square []

b) parentheses ()

c) Curly braces {}

d) Triangle brackets <>

Answer: c

(573) Tuples in Python are enclosed inside _____ brackets.

a) square []

b) parentheses ()

c) Curly braces {}

d) Triangle brackets <>

Answer: b

(574) The elements of tuples in Python _____ after declaration.

a) can be modified

b) can be deleted

c) cannot be modified

d) can be removed

Answer: c

(575) Tuples _____ duplicate values.

a) allow

b) do not allow

c) never care for

d) purge

Answer: a

(576) Lists _____ duplicate values.

a) allow

b) do not allow

c) never care for

d) purge

Answer: a

(577) Dictionaries _____ duplicate values.

a) allow

b) do not allow

c) never care for

d) add

Answer: b

(578) Tuples support _____ for accessing elements.

a) get() function

b) index value (from 0 to n-1)

c) getValueAt() function

d) getElementAt() function

Answer: b

(579) Dictionaries in Python have _____.

- a) only values
- b) only keys
- c) both keys and values
- d) neither keys nor values

Answer: c

(580) Iterator in Python can be created using _____ function.

- a) iterator()
- b) iterable()
- c) list()
- d) iter()

Answer: d

(581) Datetime module in Python provides _____ function for formatting datetime.

- a) dateformat
- b) strftime
- c) datepart
- d) dateadd

Answer: b

(582) In formatting datetime using strftime function in Python, _____ symbol denotes year.

- a) %Y
- b) %m
- c) %d
- d) %H

Answer: a

(583) In formatting datetime using strftime function in Python, _____ symbol denotes date.

- a) %Y
- b) %m

- c) %d
- d) %H

Answer: c

(584) In formatting datetime using strftime function in Python, _____ symbol denotes month.

- a) %Y
- b) %m
- c) %d
- d) %H

Answer: b

(585) In formatting datetime using strftime function in Python, _____ symbol denotes hour.

- a) %M
- b) %S
- c) %d
- d) %H

Answer: d

(586) In formatting datetime using strftime function in Python, _____ symbol denotes minutes.

- a) %M
- b) %S
- c) %d
- d) %H

Answer: a

(587) In formatting datetime using strftime function in Python, _____ symbol denotes seconds.

- a) %M
- b) %S
- c) %d
- d) %H

Answer: b

(588) Math module in Python supports _____ trigonometric functions.

- a) math.sin, math.asin, math.cos, math.acos, math.tan, math.atan
- b) math.sqrt
- c) math.log, math.log10
- d) math.exp, math.pow

Answer: a

(589) Math module in Python supports _____ function to calculate square root of a number.

- a) math.sin, math.asin, math.cos, math.acos, math.tan, math.atan
- b) math.sqrt
- c) math.log, math.log10
- d) math.exp, math.pow

Answer: b

(590) Math module in Python supports _____ to calculate logarithm of given number.

- a) math.sin, math.asin, math.cos, math.acos, math.tan, math.atan
- b) math.sqrt
- c) math.log, math.log10
- d) math.exp, math.pow

Answer: c

(591) Math module in Python supports _____ to calculate antilogarithm.

- a) math.sin, math.asin, math.cos, math.acos, math.tan, math.atan
- b) math.sqrt
- c) math.log, math.log10
- d) math.exp

Answer: d

(592) Python supports _____ function to take input from console.

- a) input
- b) print

- c) scanf
- d) readLine

Answer: a

(593) Python supports _____ function to display output through the console.

- a) input
- b) print
- c) scanf
- d) readLine

Answer: b

(17) Java (Start No.: 594)

ToC

(594) Java is a _____ language.

- a) List Oriented
- b) Object Oriented Programming
- c) Procedural Programming
- d) Aspect Oriented Programming

Answer: b

(595) OOPS stands for _____.

- a) Object Oriented Practice System
- b) Occupation Oriented Programming System
- c) Object Oriented Programming System
- d) Object Oscillating Programming System

Answer: c

(596) Variables declared inside classes are called _____.

- a) properties
- b) methods
- c) return values
- d) objects

Answer: a

(597) Functions declared inside classes are called _____.

- a) properties
- b) methods
- c) return values
- d) objects

Answer: b

(598) _____ is/are the keywords to specify access levels.

- a) private
- b) public
- c) protected
- d) all of them

Answer: d

(599) One class taking possession of properties and methods of another class is called _____.

- a) polymorphism
- b) inheritance
- c) method overloading
- d) virtual function

Answer: b

(600) Same method appearing in parent class and child class is called _____.

- a) polymorphism
- b) inheritance
- c) method overloading
- d) virtual function

Answer: a

(601) Declaring methods having the same name but different arguments in a class is called _____.

- a) polymorphism
- b) inheritance
- c) method overloading
- d) virtual function

Answer: c

(602) A function which has late binding (due to its presence in the parent and child classes) is called _____.

- a) polymorphism
- b) inheritance
- c) method overloading
- d) virtual function

Answer: d

(603) Specifying access levels to data variables is called _____.

- a) data encapsulation
- b) late binding
- c) polymorphism
- d) data type

Answer: a

(604) WORA in Java programs stands for _____.

- a) Weak Ones, Run Away
- b) Write Once, Run Anywhere
- c) Wrong ones, Running Anywhere
- d) Write only, Running Assured

Answer: b

(605) JVM stands for _____.

- a) Java Vending Machine
- b) Java Visual Machine
- c) Java Vintage Machine
- d) Java Virtual Machine

Answer: d

(606) JIT in program compilation stands for _____.

- a) Just In Time
- b) Joining In Time
- c) Just in Test
- d) Just In Trade

Answer: a

(607) Java programs have _____ filename extension.

- a) .class
- b) .exe
- c) .java
- d) .dll

Answer: c

(608) Compiled java files have _____ filename extension.

- a) .class
- b) .exe
- c) .java
- d) .dll

Answer: a

(609) A Java program is compiled into _____ file.

- a) executable
- b) class file
- c) source file
- d) image file

Answer: b

(610) _____ is the command to invoke Java compiler (to convert java file to class file).

- a) java
- b) jar
- c) applet
- d) javac

Answer: d

(611) _____ is the command to invoke Java interpreter.

- a) java
- b) jar
- c) applet
- d) javac

Answer: a

(612) JDK stands for _____.

- a) Java Duplicate Kit
- b) Java Document Kit
- c) Java Driver Kit
- d) Java Development Kit

Answer: d

(613) JRE stands for _____.

- a) Java Realtime Environment
- b) Java Runtime Environment
- c) Java Runtime Eexecution
- d) Java Runtime Error

Answer: b

(614) The Java compiler and Interpreter are together contained in _____.

- a) jar
- b) Java EE
- c) JDK
- d) JRE

Answer: c

(615) The Java interpreter and runtime related files are contained in _____.

- a) jar
- b) Java EE
- c) JDK
- d) JRE

Answer: d

(616) CLASSPATH is the environment variable to locate _____ files.

- a) additional runtime class
- b) executable files
- c) DLL

d) shared object

Answer: a

(617) Single line comments in Java are denoted by _____ symbol.

a) #

b) //

c) !

d) ::

Answer: b

(618) Multiline comments in Java are denoted by _____ symbol.

a) ##...##

b) //...//

c) /** ... */

d) /* ... */

Answer: d

(619) Documentation comments in Java are denoted by _____ symbol.

a) ##...##

b) //...//

c) /** ... */

d) /* ... */

Answer: c

(620) Documentation comments in Java can generate _____.

a) byte code

b) documents using javadoc

c) source code

d) dynamic code

Answer: b

(621) byte, int, long, float and double are _____ datatypes in Java.

a) numeric

b) character

c) String

d) boolean

Answer: a

(622) char denotes ____ datatype in Java.

a) numeric

b) character

c) String

d) boolean

Answer: b

(623) +, -, *, /, %, +=, -=, *=, /= and %= are _____ operators in Java.

a) Logical

b) Arithmetic

c) Bitwise

d) String

Answer: b

(624) &&, || and ! are _____ operators in Java.

a) Logical

b) Arithmetic

c) Bitwise

d) String

Answer: a

(625) &, |, ^, >>, <<, >>> and <<< are _____ operators in Java.

a) Logical

b) Arithmetic

c) Bitwise

d) String

Answer: c

(626) if..else, switch...case...default and ?: (ternary) are _____ in Java.

a) loops

b) functions

c) properties

d) conditions

Answer: d

(627) for, while and do...while are _____ in Java.

- a) loops
- b) functions
- c) properties
- d) conditions

Answer: a

(628) All numeric datatypes like Integer, Float and Double have _____ as their parent class.

- a) Character
- b) String
- c) Number
- d) Null

Answer: c

(629) String class has _____ method to get length of String.

- a) list
- b) length
- c) len
- d) l

Answer: b

(630) String class has _____ method to replace a value.

- a) replace
- b) startsWith
- c) endsWith
- d) equals

Answer: a

(631) String class has _____ method to check whether a String ends with given value.

- a) replace
- b) startsWith
- c) endsWith

d) equals

Answer: c

(632) String class has _____ method to check whether it is equal to the second string.

a) replace

b) startsWith

c) endsWith

d) equals

Answer: d

(633) String class has _____ method to check whether a string starts with given value.

a) replace

b) startsWith

c) endsWith

d) equals

Answer: b

(634) Array in Java are enclosed inside _____ brackets.

a) []

b) {}

c) ()

d) <>

Answer: a

(635) Java array elements can be accessed using _____.

a) length function

b) number

c) index value

d) null value

Answer: c

(636) Arrays in Java have _____ property to get length;

a) len

b) length

c) size

d) end

Answer: b

(637) The special function having class name itself but no return value is ____.

a) constructor

b) destructor

c) method

d) property

Answer: a

(638) Unused memory held by Java objects is released by ____.

a) automatic cleaning

b) automatic constructor

c) automatic destructor

d) automatic garbage collection

Answer: d

(639) An abstract class should have at least ____ abstract method.

a) one

b) five

c) ten

d) twenty

Answer: a

(640) Abstract methods have ____.

a) no name

b) no return value

c) no argument

d) no body portion

Answer: d

(641) An interface has ____ for methods but no body portion for any method.

a) name

- b) return value
- c) argument list
- d) all of them

Answer: d

(642) A parent class having several child classes and a method of the same name in all classes has _____.

- a) polymorphism
- b) creativity
- c) constructor
- d) destructor

Answer: a

(643) A set of Java source files may be placed in a directory called _____.

- a) baggage
- b) luggage
- c) package
- d) container

Answer: c

(644) A source file inside a package folder (named copa) should begin with the line _____.

- a) package ...;
- b) package copa;
- c) package null;
- d) copa package;

Answer: b

(645) Java programming language was created by _____.

- a) James Gosling
- b) Brenden Eich
- c) Allen Turing
- d) Richard M Stallman

Answer: a

(18) Cloud Computing and Application Development (Start No.: 646)

ToC

(646) The special servers meant for storage and retrieval of data over the network are called _____.

- a) hard disks
- b) Solid State Drives
- c) data centres
- d) Tablets

Answer: c

(647) A variety of services like web servers, email servers, data storage, office applications, remote login facility, etc. are offered by _____.

- a) Cloud services
- b) Hardware services
- c) Memory Services
- d) Power services

Answer: a

(648) _____ are some of the most common cloud service providers.

- a) IBM
- b) Apple Computers
- c) Microsoft
- d) all of them

Answer: d

(649) Dropbox, Google drive, One Drive, iCloud are some of the most famous _____ services.

- a) app development
- b) data storage
- c) hardware repair
- d) music playing

Answer: b

(650) Cloud services maintained by large companies for their internal usage are called _____.

- a) public clouds
- b) hybrid clouds
- c) community clouds
- d) private clouds

Answer: d

(651) Cloud services maintained by large companies for the use of clients who may pay or use it for free are called _____.

- a) public clouds
- b) hybrid clouds
- c) community clouds
- d) private clouds

Answer: a

(652) Cloud services maintained by large companies where some portion of the cloud is public and other portions are private are called _____.

- a) public clouds
- b) hybrid clouds
- c) community clouds
- d) private clouds

Answer: b

(653) Cloud services maintained by individuals or consortiums or a group of people for the use of a specific group of beneficiaries are called _____.

- a) public clouds
- b) hybrid clouds
- c) community clouds
- d) private clouds

Answer: c

(654) SaaS in cloud computing stands for _____.

- a) Software as a Secret

- b) Sharing as a Service
- c) Software as a Service
- d) Secret as a Service

Answer: c

(655) IaaS in cloud computing stands for _____.

- a) Infrastructure as a Service
- b) Infrared as a Service
- c) Internet as a Service
- d) Instagram as a Service

Answer: a

(656) PaaS in cloud computing stands for _____.

- a) Program as a Secret
- b) Platform as a Service
- c) Processor as a Service
- d) Photos as a Service

Answer: b

(657) ADLC in software development stands for _____.

- a) Application Development Life Cycle
- b) Application Development License Cycle
- c) Application Development Listing Cycle
- d) Application Desctivation Life Cycle

Answer: a

(658) Application development starts with _____.

- a) Planning
- b) Deployment
- c) Bug fixing
- d) maintenance

Answer: a

(659) An application is _____ after development.

- a) Planned
- b) Deployed

- c) Bug fixed
- d) deactivated

Answer: b

(660) Correcting mistakes found in an application after its deployment is called _____.

- a) Planning
- b) Deployment
- c) Bug fixing
- d) maintenance

Answer: c

(661) Improving an application by adding new features as per customer demands is called _____.

- a) Planning
- b) Deployment
- c) Coding
- d) maintenance

Answer: d

(662) It is said that SDLC has got ____ phases.

- a) 7
- b) 3
- c) 5
- d) 8

Answer: a

(663) _____ phases are undertaken before coding an application project.

- a) Gathering information/ Analysis/ Design
- b) Coding and testing/ user system testing
- c) Deployment
- d) Maintenance

Answer: a

(664) _____ phase is undertaken after testing an application in developer system and user system.

- a) Gathering information/ Analysis/ Design
- b) Coding and testing/ user system testing
- c) Deployment
- d) Maintenance

Answer: c

(665) _____ phases are undertaken before deployment of an application.

- a) Gathering information/ Analysis/ Design
- b) Coding and testing/ user system testing
- c) Deployment
- d) Maintenance

Answer: b

(666) _____ is done in SDLC to continuously improve an application and its performance.

- a) Gathering information/ Analysis/ Design
- b) Coding and testing/ user system testing
- c) Deployment
- d) Maintenance

Answer: d

(19) Advanced Excel Concepts (Start No.: 667)

ToC

(667) Summarising data in MS Excel is possible through _____.

- a) Hiding cells
- b) Removing columns
- c) Pivot tables/ pivot charts
- d) Help menu

Answer: c

(668) An Excel based control panel may have several _____ embedded in a sheet.

- a) pivot charts

- b) audio files
- c) list file
- d) lines

Answer: a

(669) BI in Power BI stands for _____.

- a) Black Insight
- b) Business Intention
- c) Blue Inroad
- d) Business Intelligence

Answer: d

(670) Power BI can add, remove and customize columns using _____.

- a) Power Query
- b) Home Query
- c) Pivot table
- d) Pivot chart

Answer: a

(671) A group of charts may be controlled using _____ element in Power BI.

- a) slider
- b) slicer
- c) line diagram
- d) pie chart

Answer: b

(672) Power BI can export charts to _____ format.

- a) PDF
- b) text
- c) Video
- d) Audio

Answer: a

(673) Data can be imported into Power BI using _____ menu.

- a) Home->Get Data
- b) Insert->Get Data
- c) Graph->Get Data
- d) Export->Get Data

Answer: a

(674) Imported data columns appear at _____ of Power BI Window.

- a) Bottom
- b) Top
- c) Left
- d) Right

Answer: d

(675) On clicking a particular type of chart, Power BI asks for _____.

- a) name of firm
- b) columns from data
- c) name of graph
- d) deletion of columns

Answer: b

(20) Smart Accounting (Start No.: 676)

ToC

(676) What type of software is Tally?

- a) Accounting Software
- b) Application Software
- c) Language Translator
- d) System Software

Answer: a

(677) What is the purpose of financial management feature in Tally?

- a) Importing and exporting data
- b) For stock transfer
- c) To get daily balances and Transaction value

d) To prepare purchase records

Answer: c

(678) Which area in Tally screen provides quick access to different options?

a) Button bar

b) Calculator

c) Product info

d) Work area

Answer: a

(679) Which is prepared to ascertain actual profit or loss of the business?

a) Balance sheet

b) Book-keeping

c) Profit and loss account

d) Trading account

Answer: c

(680) What is meant by current date in Tally?

a) Calendar date

b) Last voucher date

c) Last worked date

d) System date

Answer: c

(681) Which are the things and properties for resale that converts into cash?

a) Current assets

b) Business Transaction

c) Liabilities

d) Purchase

Answer: a

(682) Who receives benefits without giving money immediately but liable to pay in future?

- a) Creditor
- b) Debtor
- c) Owner
- d) Worker

Answer: b

(683) Which function key is used to record fund transfer between cash and bank account?

- a) F4
- b) F5
- c) F6
- d) F7

Answer: a

(684) Which document is issued by the receiver of cash to the giver of cash acknowledging the cash received voucher?

- a) Ledgers
- b) Journals
- c) Receipts
- d) Vouchers

Answer: c

(685) What is a summarized record of all the transactions to every person every property and every type of service?

- a) Account
- b) Journals
- c) Ledgers
- d) Vouchers

Answer: a

(686) Which is the main book of final entry for accounts?

- a) Balance sheet
- b) Ledger
- c) Receipts
- d) Vouchers

Answer: b

(687) What is termed as excess of credit side total amount over debit side total amount in profit and loss account?

- a) Credit
- b) Debit
- c) Loss
- d) Profit

Answer: d

(688) Which book is used to record transactions relating to return of goods to suppliers?

- a) Purchase Book
- b) Purchase Return Book
- c) Sales Book
- d) Sales Return Book

Answer: b

(689) Which is a statement of assets and liabilities?

- a) Balance sheet
- b) Journals
- c) Ledgers
- d) Trial balance

Answer: a

(690) Which accounting system is incomplete and unscientific?

- a) Double Entry System
- b) Single Entry System
- c) Triple Entry System
- d) Multi Entry System

Answer: b

(691) What is the rule for real account?

- a) Debtor the receiver, Creditor the giver
- b) Debtor the giver, Creditor the receiver
- c) Debit comes in, Credit goes out

d) Debit goes out, Credit comes in

Answer: c

(692) Which shortcut key is used to activate calculator in Tally?

a) Ctrl + C

b) Ctrl + M

c) Ctrl + N

d) Ctrl + T

Answer: c

(693) Which activity in Tally is used to find out the financial position of the organisation?

a) Balance sheet

b) Book-keeping

c) Trading

d) Profit and loss

Answer: a

(694) What is referred to as buying and selling of goods?

a) Normal account

b) Real account

c) Profit and loss account

d) Trading account

Answer: d

(695) Which factor determines the cost of the product?

a) Direct cost

b) Elements of cost

c) Indirect cost

d) Standard cost

Answer: b

(696) What is the shortcut key to export the report in ASCII, SDF, HTML or XML format?

a) Alt + C

b) Alt + D

c) Alt + E

d) Alt + X

Answer: c

(697) Who gives benefits without receiving money, but will claim in future?

a) Creditor

b) Debtor

c) Owner

d) Worker

Answer: a

(698) Which is the ledger grouping for bills receivable in Tally ERP9?

a) Fixed asset

b) Current asset

c) Direct expenses

d) Indirect expenses

Answer: b

(699) What is the purpose of financial management feature in Tally?

a) Handles different types of vouchers

b) Allows importing and exporting data

c) Provides budgeting option

d) Provides option for data backup

Answer: c

(700) What is the purpose of Inventory Management Feature in Tally?

a) Provides option for data backup

b) Provides all relevant information for any stock item in a single screen

c) Provides daily balance and transaction value

d) Provides option to upload reports on the website directly

Answer: b

(701) What is the purpose of security feature in Tally?

a) Provides budget option

- b) Provides option for data backup
- c) Provides option to upload reports
- d) Provides statement of accounts

Answer: b

(702) Which term is used for receiving aspects of a transaction?

- a) Credit
- b) Debit
- c) Profit
- d) Receipt

Answer: b

(703) What is the purpose of Tally audit feature in Tally ERP 9?

- a) Allows easy analysis of result / reports with graphical values
- b) Allows statutory reporting for VAT, CST, TCS, TDS, FBT, GST
- c) Allows splitting of company data into multiple companies
- d) Verify, validate and accept accounting information

Answer: d

(704) Which combination of key is used to change the financial period in Tally?

- a) F2
- b) Alt + F2
- c) Ctrl + F2
- d) Shift + F2

Answer: b

(705) Which combination of key is used to launch “Tally Reference Manual”?

- a) Alt + H
- b) Alt + M
- c) Alt + R
- d) Alt + T

Answer: a

(706) Which function of key is used the list / select a company in Tally?

- a) F1
- b) F3
- c) F5
- d) F7

Answer: a

(707) Where does the transactions are entered, before taken to the appropriate ledger account?

- a) Balance sheet
- b) Journals
- c) Receipts
- d) Vouchers

Answer: b

(708) Which term is used for the amount invested for starting a business by a person?

- a) Asset
- b) Capital
- c) Debits
- d) Liabilities

Answer: b

(709) What is the purpose of Technological feature in Tally?

- a) Allows importing and exporting data
- b) Flexible units of measure
- c) Provides budgeting option
- d) Provides option for data backup

Answer: a

(710) Which term is used for giving aspect of a transaction?

- a) Credit
- b) Debit
- c) Journal

d) Voucher

Answer: a

(711) Which term is used for all the amounts payable by a business concern to outsiders?

a) Assets

b) Capitals

c) Debits

d) Liabilities

Answer: d

(712) Which is a statement of all the ledger account balance prepared at the end of particular period to verify the accuracy of the entries?

a) Journals

b) Receipts

c) Trial Balance

d) Vouchers

Answer: c

(713) What is the purpose of Ctrl + Q key is the Gateway of Tally screen?

a) Close the tally screen

b) Quit tally current screen

c) Exit with confirmation

d) Exit without confirmation

Answer: d

(714) What is the purpose of Alt + W key in Tally?

a) Change the financial period

b) Invoke Tally Reference Manual

c) Open default web browser

d) Exist Tally without confirmation

Answer: c

(715) Which combination of key is used to save the information in Tally?

- a) Ctrl + A
- b) Ctrl + I
- c) Ctrl + S
- d) Ctrl + X

Answer: a

(716) Which shortcut key is used to shut a company from the gateway of Tally screen?

- a) Alt + F1
- b) Alt + F3
- c) Alt + F5
- d) Alt + F7

Answer: a

(717) Which register is used to post the journal entries periodically?

- a) Bill book
- b) Cash book
- c) Ledger
- d) Trial balance

Answer: c

(718) Which sequence of option is used to view the trial balance on the screen?

- a) "Gateway of Tally→Trial balance"
- b) Gateway of Tally → Display → Trial Balance
- c) Gateway of Tally → Accounts Info → Trial Balance
- d) Gateway of Tally → Display → Account Book → Trial balance

Answer: b

(719) Which report displays the summary of all the cost centres under a cost category?

- a) Category summary
- b) Cost centre Break-up

- c) Group Break-up
- d) Ledger break-up

Answer: a

(720) Which function key is used to enter purchase?

- a) F6
- b) F7
- c) F8
- d) F9

Answer: d

(721) Which function key is used to enter receipts?

- a) F2
- b) F4
- c) F6
- d) F8

Answer: c

(722) Which shortcut key is used to open debit Note Voucher?

- a) Alt + F9
- b) Alt + F10
- c) Ctrl + F9
- d) Ctrl + F10

Answer: c

(723) Which shortcut key is used to remove a line in a report in report screen?

- a) Alt + I
- b) Alt + R
- c) Alt + S
- d) Alt + X

Answer: b

(724) Which feature offers a parallel classification of stock item?

- a) Stock categories
- b) Stock group

- c) Stock item
- d) Stock query

Answer: a

(725) Which budget is prepared for a very short period?

- a) Current budget
- b) Long term budget
- c) Rolling budget
- d) Short term budget

Answer: a

(726) Which ratio evaluate the availability of cash to pay debit?

- a) Activity ratio
- b) Debit ratio
- c) Liquidity ratio
- d) Market ratio

Answer: c

(727) Which function key is used to enter payment?

- a) F3
- b) F5
- c) F7
- d) F9

Answer: b

(728) Which report displays ledgers and group summary information for the selected cost centre?

- a) Category summary
- b) Cost centre Break-up
- c) Ledger break-up
- d) Group Break-up

Answer: b

(729) Which name indicates the decreasing value of an Asset?

- a) Current asset
- b) Depreciation

- c) Indirect expenses
- d) Sundry debtor

Answer: b

(730) Which shortcut key is used to cancel a voucher in Day book / List of vouchers in Tally?

- a) Alt + D
- b) Alt + I
- c) Alt + S
- d) Alt + X

Answer: d