HIGHER SECONDARY FIRST YEAR

COMPUTER APPLICATIONS

BOOK BACK ONE MARK QUESTIONS

WITHOUT ANSWERS

2024-2025

https://tnschoolcsca.wordpress.com

1 Introduction to Computers

1. First generation computers used

(a) Vacuum tubes (b) Transistors (c) Integrated circuits (d) Microprocessors

2. Name the volatile memory (a) ROM (b) PROM (c) RAM (d) EPROM

3. Identify the output device (a) Keyboard (b) Memory (c) Monitor (d) Mouse

4. Identify the input device (a) Printer (b) Mouse (c) Plotter (d) Projector

5. .... Output device is used for printing building plan.

(a) Thermal printer (b) Plotter (c) Dot matrix (d) inkjet printer

6. Which one of the following is used to in ATM machines

(a) Touch Screen (b) speaker (c) Monitor (d) Printer

7. When a system restarts which type of booting is used.

(a) Warm booting (b) Cold booting (c) Touch boot (d) Real boot.

8. Expand POST (a) Post on self Test (b) Power on Software Test (c) Power on Self Test

(d) Power on Self Text

9. Which one of the following is the main memory?

(a) ROM (b) RAM (c) Flash drive (d) Hard disk

10. Which generation of computer used IC's?

(a) First (b) Second (c) Third (d) Fourth

2 Number Systems

1. Which refers to the number of bits processed by a computer's CPU?

A) Byte B) Nibble C) Word length D) Bit

2. How many bytes does 1 KiloByte contain? A) 1000 B) 8 C) 4 D) 1024

3. Expansion for ASCII

A) American School Code for Information Interchange

B) American Standard Code for Information Interchange

C) All Standard Code for Information Interchange

D) American Society Code for Information Interchange

4. 2^50 is referred as A) Kilo B) Tera C) Peta D) Zetta

5. How many characters can be handled in Binary Coded Decimal System?

A) 64 B) 255 C) 256 D) 128

6. For 11012 the equalent Hexadecimal equivalent is?

A) F B) E C) D D) B

7. What is the 1's complement of 00100110?

A) 00100110 B) 11011001 C) 11010001 D) 00101001

8. Which amongst this is not an Octal number?

A) 645 B) 234 C) 876 D) 123

Part - II - Boolean algebra

1. Which is a basic electronic circuit which operates on one or more signals?

(A) Boolean algebra (B) Gate (C) Fundamental gates (D) Derived gates

2. Which gate is called as the logical inverter? (A) AND (B) OR (C) NOT (D) XNOR

3. A + A = ? (A) A (B) O (C) 1 (D) A 4. NOR is a combination of ?

(A) NOT(OR) (B)NOT(AND) (C) NOT(NOT) (D) NOT(NOR)

5. NAND is called as ...... Gate (A) Fundamental Gate (B) Derived Gate

(C) Logical Gate (D) Universal gate

3 Computer Organization

1. Which of the following is said to be the brain of a computer?

(a) Input devices (b) Output devices (c) Memory device (d) Microprocessor

2. Which of the following is not the part of a microprocessor unit?

(a) ALU (b) Control unit (c) Cache memory (d) register

3. How many bits constitute a word?

(a) 8 (b) 16 (c) 32 (d) determined by the processor used.

4. Which of the following device identifies the location when address is placed in the memory address register?

(a) Locator (b) encoder (c) decoder (d) multiplexer

5. Which of the following is a CISC processor?

(a) Intel P6 (b) AMD K6 (c) Pentium III (d) Pentium IV

6. Which is the fastest memory? (a) Hard disk (b) Main memory (c) Cache memory

(d) Blue-Ray disc

7. How many memory locations are identified by a processor with 8 bits address bus at a time?

(a) 28 (b) 1024 (c) 256 (d) 8000

8. What is the capacity of 12cm diameter DVD with single sided and single layer?

(a) 4.7 GB (b) 5.5 GB (c) 7.8GB (d) 2.2 GB

9. What is the smallest size of data represented in a CD?

(a) blocks (b) sectors (c) pits (d) tracks

10. Display devices are connected to the computer through.

(a) USB port (b) Ps/2 port (c) SCSI port (d) VGA connector

4 Theoretical Concepts of Operating System

1) Operating system is a

A)Application Software B) Hardware C)System Software D)Component

2) Identify the usage of Operating Systems

A) Easy interaction between the human and computer B) Controlling input & output Devices C) Managing use of main memory D) All the above

3) Which of the following is not a function of an Operating System?

A)Process Management B)Memory Management C)Security management

D)Complier Environment

4) Which of the following OS is a Commercially licensed Operating system?

A)Windows B)UBUNTU C)FEDORA D)REDHAT

5) Which of the following Operating systems support Mobile Devices?

A)Windows 7 B)Linux C)BOSS D)iOS

6) File Management manages A) Files B) Folders C) Directory systems D) All the Above

7) Interactive Operating System provides A)Graphics User Interface (GUI) B)Data Distribution C)Security Management D)Real Time Processing

8) An example for single task operating system is A)Linux B) Windows

C)MS-DOS D) Unix

9) The File management system used by Linux is

A) ext2 B) NTFS C) FAT D) NFTS

5 Working with Windows Operating System

1. From the options given below, choose the operations managed by the operating system.

a. Memory b. Processes c. Disks and I/O devices d. all of the above

2. Which is the default folder for many Windows Applications to save your file?

a. My Document b. My Pictures c. Documents and Settings d. My Computer

3. Under which of the following OS, the option Shift + Delete will permanently deletes a file or folder?

a. Windows 7 b. MS-DOS c. Linux d. Android OS

4. What is the meaning of "Hibernate" in Windows XP/Windows 7?

a. Restart the Computer in safe mode b. Restart the Computer in hibernate mode

c. Shutdown the Computer terminating all the running applications

d. Shutdown the Computer without closing the running applications

5. The shortcut key used to rename a file in windows

a. F2 b. F4 c. F5 d. F6

6 Introduction to Word Processor

1. Which is the opening screen of OpenOffice?

a. Star desktop b. Star center c. Star screen d. Star window

2. Which option allows you to assign text, tables, graphics and other items to a key or key combination?

a. Autoformat b. Automatic c. Auto text d. Autographics

3. Which menu contains the Numbering option?

a. File b. Edit c. Tools d. Format

4. Which is displayed at the top part of the window?

a. Menu bar b. Tool bar c. Title bard. Format bar

5. What is changing the default appearance of the text called?

a. Text formatting b. Page formatting c. Special formatting d. Paragraph formatting

6. Find & Replace option is available in which menu?

a. File b. Edit c. Format d. Tools

7. Which button selects all instances of the search text in the document?

a. Find b. Find All c. Replace d. Replace All

8. What is the shortcut key to go to the start of the document?

a. Ctrl + Home b. Ctrl + End c. Home d. End

9. What is the shortcut key for finding and replacing text in a document?

a. Ctrl + F1 b. Ctrl + F4 c. Ctrl + F5 d. Ctrl +F7

10. What is the short cut key for Undo?

a. Ctrl +E b. Ctrl + U c. Ctrl + Z d. Ctrl + n

7 Working with OpenOffice Calc

1. Which is the first electronic spreadsheet?

(A)Excel (B) Lotus 1-2-3 (C) Visicalc (D) OpenOffice Calc

2. Which of the following applications was the parent to OpenOffice Calc?

(A)Visicalc (B) LibreCalc (C) Lotus 123 (D) StarOffice Calc

3. Grid of cells with a programmable calculator:

(A)Spreadsheet (B) Database (C) Word processor (D) Linux

4. A column heading in Calc is represented using

(A)Number (B) Symbol (C) Date (D) Alphabet

5. Which key is used to move the cell pointer in the forward direction within the worksheet?

(A)Enter (B) Tab (C) Shift + Tab (D) Delete

6. A formula in calc may begin with

(A) = (B) + (C) - (D) All the above

7. What will be the result from the following formula (Assume A1=5, B2=2)? + A1^B2

(A) 7 (B) 25 (C) 10 (D) 52

8. What will be the result from the following expression (Assume H1=12, H2=12)? =

H1<>H2

(A) True (B) False (C) 24 (D) 1212

9. Which of the following symbol is used to make a cell address as an absolute reference?

(A) + (B) % (C) & (D) $

10. Which of the following key combinations is used to increase the width of the current

column? (A)Alt + Right arrow (B) Ctrl + Right arrow (B)Alt + Left arrow (D) Ctrl + Left arrow

8 Presentation Basics

1. Which is used to move quickly from one slide to another?

A)Compass B)Navigator C)Fill color D)Page border

2. Which is the shortcut key to view the slideshow? A)F6 B)F9 C)F5 D)F10

3. In Impress, which views shows thumbnail versions of all your slides arranged in

horizontal rows.

A)Notes B)Outline C)Handout D)Slide Sorter

4. Identify the default view in Impress.

A)Normal B)Slide Sorter C)Handout D)Notes

5. Which menu contains the Slide Transition option?

A)Slide Show B)View C)Tools D)Format

6. Identify the extension of the Impress presentation.

A) .odp B) .ppt C) .odb d. .ood

7. In presentation tools, the entry effect as one slide replaces another slide in a slide

show. Identify the option that suits after reading the statement.

A)Animation B)Slide Transition

C)Custom animation D)Rehearse Timing

8. Vanya has made a presentation on "Global Warming". She wants to progress her slide

show automatically while she speaks on the topic in the class. Which features of

Impress would she use?

A)Custom Animation B)Rehearse Timing C)Slide Transition D)Either (a) or (b).

9 Introduction to Internet and Email

1. What is the expansion of WLAN?

a) Wireless Local Area Network b) Wired local Area Network

c) Wireless Local Area Netware d) Wireless Area Netbande

2. Range of Campus Network is a) 10 KM b) 5 KM c) 25 KM d) 20 KM

3. Each computer on net is called a) host b) server c) workstation d) node

4. The internet is governed by

a) ICANM b) ICANN c) ICMA d) ICNNA

5. Expansion of W3C

a) World Wide Web Consortium b) Wide World Web Consortium

c) World Web Wide Consortium d) World Wide Web Consortum

6. W3C was established in 1994 by

a) Tim Berners-Lee b) Tim Burnard Lee c) Kim Berners d) Kim Bernard Lee

7. Hotspot uses which type of network services?

a) LAN b) PAN c) WLAN d) CAN

8. USB WiFi adapters are often called as

a) Data Card b) Pen Drive c) Dongles d) Memory Card

9. Looking for information on the internet is called

a) Surfing b) Searching c) Finding d) glancing

10. Safari web browser was developed by

a) Google b) Apple c) Microsoft d) Linux Corpn.

11. How many types of websites are available?

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

10 HTML - Structural Tags

1. What is the alternate name of null statement?

1. HTML is acronym for

(a) Hyper Transfer Markup Language (b) Hyper Text Markup Language

(c) Hyper Transfer Makeup Language (d) Hyper Text Makeup Language

2. The coded HTML keywords that indicates how web browser should format and display

the content is called.......

(a) Tags (b) Attributes (c) Headings (d) Body

3. Which of the following is a special word used inside a tag to specify additional information to the tag?

(a) Tags (b) Attributes (c) Headings (d) Body

4. HTML tags should be specified within: (a) [ ] (b) { } (c) ( ) (d) < >

5. An HTML document is bounded within a pair of ..... tags

(a) <body> .... </body> (b) <title> .... </title>

(c) <html> .... </html> (d) <head> ...... </head>

6. Which of the following symbol is used to define a closing tag?

(a) < > (b) % (c) / (d) \

7. Which section of the browser window displays the main contents?

(a) Head (b) Body (c) Title (d) Heading

8. Which of the following tag is a structural tag?

(a) <html> (b) <h1> (c)
 (d) <p>

9. In HTML, colours are represented as

(a) Binary values (b) Octal values (c) Decimal values (d) Hexadecimal values

10. Which of the following symbol is used to prefix with hexadecimal value representing

colour in HTML?   (a) % (b) # (c) @ (d) &

11. Which of the following attribute is used to change text colour within body tag?

(a) bgcolor (c) background (c) text (d) color

12. Within body section, which of the following attribute is used to set top margin?

(a) margin (b) top (c) topmargin (d) leftmargin

13. How many levels of heading tags are available in HTML?

(a) 6 (b) 4 (c) 8 (d) 3

14. The tag used to insert a line break:

(a) <h1> (b)
 (c) <html> (d) <p>

15. The tag used to define a paragraph in HTML:

(a) <para> (b) <p> (c) <q> (d)

11 HTML - Formatting text, Creating Tables, List and Links

1. Which of the following tags are called as physical style tags?

(A) <html>, <b>,
 B) <b>, <br>, <u> (C) <A>, <b>, <i> (D) <b>, <i>, <u>

2. Which feature is used to call attention to the reader?

(A) Highlight (B) Bold (C) Italics (D) Underline

3. The tags <sub> and <sup> are used for:

(A) Subject and Super (B) Subscript and Super (C) Subject and Superscript

(D) Subscript and Superscript

4. A named set of certain style of character and number is:

(A) Style (B) Character (C) Font (D) List

5. Pick odd one from the list (A) <tr> (B) <th> (C) <dh> (D) <td>

6. Match the following:

(a) tfoot - (1) Order list

(b) start - (2) Hyperlink

(c) href - (3) Highlight

(d) mark - (4) Table

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

7. Definition list has how many parts? (A) 5 (B) 4 (C) 3 (D) 2

8. A list block can be defined inside another list is:

(A) Inner List (B) Nested List (C) Outer List (D) Listing List

9. Read the following statement and choose the correct statement(s):

(I) Link in HTML is used to create hyperlinks to web content.

(II) HREF is abbreviated as Hypertext Markup File

(A) I is correct (B) II is correct (C) I and II is correct (D) Both are wrong

10. To create internal link, which of the following attribute should be used?

(A) link (B) name (C) local (D) Inter

12 HTML - Adding multimedia elements and Forms

1. Which image format was standardized by W3C?

(A) JPEG (B) SVG (C) GIF (D) PNG

2. The tag used to insert an image in HTML:

(A) Image (B) Picture (C) Img (D) Pic

3. In HTML, a piece of text or image can be moved horizontally or vertically by using:

(A) <marquee> (B) <img> (C) <embed> (D) <text>

4. Inline sound can be inserted using which of the following tag?

(A) <inline> (B) <backgroundsound> (C) <bgsound> (D) <sound>

5. Which value causes the audio play as long as the page is in view?

(A) Stop (B) Never Stop (C) Continue (D) Infinite

6. The important attributes used with the <form> tag are

(A) method and action (B) name and size (C) post and get (D) type and name

7. The tag used to create dropdown list box in HTML is:

(A) <dropdown> (B) <select> (C) <listbox> (D) <input>

8. Match the following:

(a) <textarea> - (1) inline

(b) <input> - (2) Video

(c) <bgsound> - (3) Multiline input

(d) <embed> - (4) Password

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

13 CSS - Cascading Style Sheets

1. Expansion of CSS

(A) Cascading Style Schools (B) Cascading Style Scheme (C) Cascading Style Sheets

(D) Cascading Style Shares

2. Which of the following is the page level style?

(A) <Page> (B) <Style> (C) <Link> (D) <H>

3. CSS is also called as:

(A) Sitewide Style Sheets (B) Internal Style Sheets (C) Inline Style Sheets

(D) Internal Inline Sheets

4. The extension of CSS file is (A) .ssc (B) .css (C) .csc (D) .htm

5. What is selector?

(A) Property (B) Value (C) HTML tag (D) name

6. The Declaration block of CSS is surrounded by

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

7. The declaration should be terminated by

(A) : (B) ; (C) . (D) ,

8. What is the property to set text as bold?

(A) Font-Style (B) Font-Weight (C) Font-Property (D) Font-Bold

9. Which of the following indicates that the text included is a comment ?

(A) /* */ (B) !* *! (C) <* *> (D) * *\

10. Which of the following ways below is correct to write a CSS?

(A) p{color:red; text-align:center}; (B) p {color:red; text-align:center}

(C) p {color:red; text-align:center;} (D) p (color:red;text-align:center;)

14 Introduction to Javascript

1. Which provide a common scripting language to web developers to design, test and deploy Internet Application?

A) C B) C++ C) Java D) JavaScript

2. Expand CGI

A) Common Gateway Interface B) Complex Gateway Information

C) Common Gateway Information D) Complex Gateway Interface

3. JavaScript programming language is used to develop the

A) Dynamic Web Page B) Window C) Web Page D) Home Page

4. The Dynamic Web Page help to save server's

A) Work B) Route C) Traffic D) Pvath

5. User entered data, is validated before sending it to server is called

A) Server traffic B) Dynamic Web Page C) Server Route D) Web server

6. Java Scripts can be implemented using which statements?

A) <head> B) <Java> C) <script> D) <text>

7. Expand DHTML

A) Distance Hyper Text Markup language B) Dynamic Hyper Text Markup

language C) Distance High Text Markup language D) Dynamic High Text Markup

language

8. How many attributes are specified for <script> tag in the scripting language?

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

9. Which attribute is used to indicate the scripting language and its value should be sent to

" Text/JavaScript"

A) Language B) Text1 C) Type D) Body

10. The file reload into the browser use the shortcut key is

A) F2 B) F3 C) F4 D) F5

11. JavaScript ignores spaces that appear between

A) Command B) Scripts C) Tokens D) Text

12. A Data value for variable that appears directly in a program by using a

A) loop B) Literal C) Statement D) Text

13. Which is mostly used to give a warning message to users?

A) Alert Dialog Box B) Confirm box

C) Prompt box D) Display box

14. In the below snippet, value of x is var x = 250 + 2 – 200;

A) 50 B) 52 C) 48 D) 42

15 Control Structure in Java script

1. Which conditional statement is used to transfer control from current statement to

another statement? (a) Branching (b) Sequencing (c) Looping (d) Interating

2. _____ statement can be used as alterative to if-else statement.

(a) While (b) If (c) Else-if (d) Switch

3. Which statement in switch case is used to exit the statement once the appropriate choice is found? (a) Exit (b) Default (c) Case (d) Break

4. Which of the following is not a looping statement?

(a) Switch (b) While (c) Do-While (d) For

5. Which part of the loop statement determines the number of times, the loop will be

iterated? (MOT) (a) First (b) Second (c) Third (d) Final

6. Which of the following is not a branching statement?

(a) Loop (b) If-else (c) Switch (d) For

7. What will be the output for the following snippet:

For (var n=0; n<10; n+1)

{

if (n==3)

{

break;

}

document write (n+"<br>");

}

(a) 0 1 2 (b) 0 1 2 3 (c) 0 1 2 3 4 (d) 0, 1, 3

8. In which loop the condition is evaluated, before executing a statement?

(a) While (b) Do while (c) Break (d) Continue

9. The _____ statement is especially useful when testing all the possible results of an

expression.

(a) While (b) Do while (c) Switch (d) If

10. In the _____ loop, body of the loop is always executed at least once before the condition

is evaluated

(a) For (b) While (c) If (d) Do while

11. <script type = "text / javascript">

x = 6 + "3";

document write (x);

<script> what will be the output?

(a) 6 (b) 9 (c) 63 (d) Error

16 JavaScript Functions

1. The parameters work as

A) Local variable B) Global Variable C) File variable D) block variable

2. Predefined functions are also called as

A)Library functions B) storage functions C) instructions D) commands

3. Larger programs are divided into smaller called

A) modules B) block C) sets D) Group

4. Which of the following is used to enhance reusability and program clarity.

A) functions B) modules C) sets D) instructions

5. Which of the following allow the programmer to modularize a program

A) Library functions B) user defined functions C) Normal functions D) Ordinary functions

class

17 Computer Ethics and Cyber Security

1. Which of the following deals with procedures, practices and values?

a. piracy b. programs c. virus d. computer ethics

2. Commercial programs made available to the public illegally are known as

a. freeware b. warez c. free software d. software

3. Which one of the following are self-repeating and do not require a computer program to attach themselves?

a. viruses b. worms c. spyware d. Trojans

4. Which one of the following tracks a user visits a website?

a. spyware b. cookies c. worms d. Trojans

5. Which of the following is not a malicious program on computer systems?

a. worms d. Trojans c. spyware d. cookies

6. A computer network security that monitors and controls incoming and outgoing traffic is
a. Cookies b.Virus c. Firewall d. worms

7. The process of converting cipher text to plain text is called

a. Encryption b. Decryption c. key d. proxy server

8. e-commerce means

a. electronic commerce b. electronic data exchange

c. electric data exchange d. electronic commercialization.

9. Distributing unwanted e-mail to others is called.

a. scam b. spam c. fraud d. spoofing

10. Legal recognition for transactions are carried out by

a. Electronic Data Interchange b. Electronic Data Exchange

c. Electronic Data Transfer d. Electrical Data Interchange