Tsl11CA

Tenkasi District
Common First Revision Test - January 2025

Standard 11
COMPUTER APPLICATION
PART - A

Time: 3.00 Hours

Marks: 70
15×1=15

Answer all the questions. Choose the correct answer

1) Which is a volatile memory?
   a) EPROM   b) ROM   c) RAM   d) PROM

2) For 1101, the Hexadecimal is equivalent is ....
   a) C   b) A   c) D   d) B

3) Which is displayed at the top part of the window?
   a) Tool Bar   b) Title Bar   c) Format bar   d) Menu Bar

4) Find and replace option is availabe in which menu?
   a) Edit   b) Tools   c) File   d) Format

5) File management manages
   a) Folder   b) Files
   c) Directory systems   d) All the above

6) Expansion of W3C
   a) World Window Web Consortium
   b) World Wide Web Consortium
   c) World Wide Web Consortium
   d) Wide World Web Consortium

7) Which of the following symbol is used to define a closing tag?
   a) %   b) /   c) < >   d) \

8) A column heading in calc represents
   a) Data   b) Symbols   c) Alphabet   d) Picture

9) The tag used to insert an image in HTML
   a) Ineg   b) Image   c) pic   d) picture

10) A list block can be defined inside another list is
    a) Inner list   b) outer list   c) Nested list   d) Listing list

11) The declaration should be terminated by
    a) :   b) ;   c) ,   d) :

12) Which is mostly used to give a warning message to users?
    a) Display box   b) confirm Box
    c) prompt box   d) alert dialog box

13) Which is multiway branching?
    a) Switch   b) for   c) while   d) do while

14) Predefined functions are also called as ....
    a) Instructions   b) Storage functions
    c) library functions   d) commands

15) .... are portal or website of collection e-books
    a) e-governance   b) e-library   c) e-project   d) all of these

PART - B

6×2=12

Answer any six questions. Question No. 24 is compulsory.

16) What is computer?
17) List the search engines supported by tamil language

18) What is desktop?
19) What in CC and BCC in an email?
20) What do you understand by a presentation?
21) List the popular image formats
22) What is thematic break?
23) Write the general format of linking css with HTML.
24) Convert $(65)_{10}$ into binary number.

PART - C

6×3=18

Answer any six question. Question No. 33 is compulsory.

25) What is radix number system? Give example.
26) List out the types of operating system.
27) What are the functions of windows operating system.
28) What is TCP/IP?
29) Explain main attributes used with <form> tag?
30) What is loop? And its types?
31) Write the general syntax of for loop.
32) What is phishing?
33) Write about inserting columns and rows in calculation.

PART - D

5×5=25

Answer all questions.

34) a) Discuss the various generation of computers

(OR)

   b) Explain auto spell check option.

35) a) Explain characteristics of micro processor.

(OR)

   b) Explain various heading level tags in HTML.

36) a) Explain about process management.

(OR)

   b) Write short note on..
      i) <Strong>   ii) <em>   iii) <mark>
      iv) <hr>   v) <Sub>

37) a) Explain types of list with example.

(OR)

   b) Explain about arithmetic operation with example.

38) a) What are the types of cyber attacks?

(OR)

   b) i) convert $(11010110)_2$ into octal equalent number
      ii) Add : $1011_2 + 1001_2$

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Tenkasi District

First Revision Test - 2024

XI Computer Application - answer key

Part - A

		Marks
1.	(C) RAM.	1
2.	a) D	1
3.	b) Title bar	1
4.	a) Edit	1
5.	d) All the above	1
6.	(b) (OR) (c) word wide web consortium.	1
7.	(b)	1
8.	c) Alphabet	1
9.	a) Img	1
10.	c) Nested list	1
11.	b) ;	1
12.	d) alert dialog box	1
13.	a) switch	1
14.	c) library function	1
15.	b) e-library.	1

Part - B

16. A computer is an electronic device — 1 mark
Takes raw data as an input from the user and
Process it under the control of a set of Instruction
produces a result and saves it for future use.
(— 2 marks)

17. Google, Bing, Yahoo (Any Two) (— 2 marks)

18. The opening screen of windows is called Desktop (— 2 marks)

19. The BCC (Blind carbon copy) field is similar to CC,
except the recipients are secret. Each BCC recipient
will the receive the e-mail, but will not see who else
received a copy.
The CC (carbon copy) field allows you to
specify recipients who are not direct
addresses (listed in the "To" field) This
field is optional.
(— 2 marks)

20. A Presentation Software is a computer Software Package used to show information, in the form of a slideshow / 2 mark /

21. GIF (Graphical Inter change Format)
JPEG (Joint Photographic Expert Group)
PNG (Portable Network Graphics)
SVG (Scalable Vector Graphics)
(Write any 2) [- 2marks (

22. • <hr> which is known as Themate breaks
• It produces a horizontal line spread across the width of the browser. This is an empty tag which means the tag has no closing tag.
(— 2marks (

23. <link rel = "style sheet" type = "text/css" href = CSS_file_Name_with_Extension>
(— 2marks (

24.
```
2 | 65
2 | 32 — 1
2 | 16 — 0
2 | 8 — 0
2 | 4 — 0
2 | 2 — 0
    1 — 0
```
$(65)_{10} = (1000001)_2$
(— 2marks (

part-C

25. * Each number system is uniquely identified by its base value or radix.
* Radix or base is the count of the number of digits in each number system.
Example: $()_{10}, ()_2, ()_8, ()_{16}$ [— 2marks] [—1marks]

26. * single user operating systems
* multiuser " (OR) any " operating Systems [— 3marks]

27. • Access applications (programs) on the computer
• Load any new program on the computer
• Manage hardware such as printing, scanners, mouse, digital cameras
• File management Activities

• creating, modifying, saving, deleting files and folders

• change computer settings such as color scheme, screen savers of your monitor

(Note: write any 3)   — 3 marks

28) The Internet works by using a protocol called TCP/IP

TCP/IP allows one computer to talk to another computer via the Internet through compiling packets of data sending them to right location.

(or)

The Internet uses TCP/IP to transmit data via various types of media.

The Internet Protocol (IP) addressing system is used to keep track of the millions of users.

— 3 marks

29) 1. method — used to identify how the form element names & values will be sent to the server.

get — it will append the names of the form elements name and values to the URL

Post — it will send the names & values of the form elements as packets.

2. Action — identifies the server side program or script that will process the form CGI

— 3 marks

30) In Javascript when the same portion of code needs to be executed many times with slightly different values is called Loops.

They are: — 2 marks

* for loop
* while
* do...while   } 1 mark

31. for (Initialization; condition; Increment/decren

{

Body of the loop;
}
                                    [— 3marks].

32. Phishing, is a type of computer crime used to attack, steal user data, including login name, password and credit card numbers etc through e-mails.

        (or)

Phishing scams are fraudulent attempts by cyber criminals to obtain private information.

                        [— 3marks]

33. Inser Row in calc:
   * Sorect the row where a new row to be inserted.
   * Right click On the row number, a popup menu Appears click "Insert Rows" option from menu. Now a new row will be inserted to above the current row.
                        [1 1/2 marks]

        (or)

Click Insert → Rows option from the menu
Inserting Columns.
        * Serea the row Column where a new Column Should be inserted.
        * Right click on the selected. Column name that you selected. A pop menu Appears. Click "Insert Columns" option from menu. Now, a new row will be inserted to above the current row
        (or)
                        [1 1/2 marks]
        Click Insert → Rows option from the menu.

Part - D

34) a)   First generation - vaccum tubes - 1940-1956
         Second   ,,   - Transistors   - 1956-1964
         Third   ,,   - Integrated cicum (IC) - 1964-1971
         fourth   ,,   - micro processor - 1971-1980
         fifth   ,,   - Ultra large scale Integral - 1980 tilldate
                            (ULSI)
         Sixth   ,,   - In future - Robotics   - 3marks
                            (merits/demerits of six generations)
                                                         - 3marks

35) a)   1. Clock Speed
          2. Instruction set
          3. word size.   [- 2 marks].

          Explaination   [3 marks]

35. b)   Heading tags are used to include
          titles to sections of a web Page.
          HTML has six level headings . viz $<h_1>$ to $<h_6>$
          Header tags are display the body text
          as bolder & larger in size according to its level
          Syntax: $<h...>$ Heading text $</h...>$ - 2marks
          Any suitable Example   - 3 marks.

36) a) • FIFo (First In First out)
       • SJF (Shortest Job First)
       • Round Robin scheduling
       • Based on priority   [- 3marks]
               (Explaination)   [3 marks]

    b) $<Strong>$ - displays the text as bold   - 1mark
          $<em>$ - text will be In Italics   - 1mark
          $<mark>$ - high light the text   - 1mark
          $<hr>$ - (Horizontal Rules) to Horizontal line - 1mark
          This is an empty tag, which means the tag
          has no closing tag.
          $<sub>$ - will be displayed as subscript - 1mark.

37) a) HTML   supports three types of lists
        • Numbered list (OR) ordered list
        • un ,,   ,,   (OR) un ,, ,,   - 1mark -
        • Definition ,,
          Explaination with example   - 4marks

b) JavaScript supports all the high arithmetic operators like Addition (+), Subtraction (−), multiplication (x), Division (/) and modulus (%) — $\boxed{1\frac{1}{2}\text{ marks}}$

Arithmetic operator	meaning	Example	Result
+	Addition	2 + 10	30
−	Subtraction	2 − 10	20
*	multiplication	2 * 10	200
/	Division	20/10	2
%	modulus	20 % 10	0

— 1 of $\boxed{\cdot 9\text{ marks}}$

Suitable Example $\boxed{- 1\frac{1}{2}\text{ marks}}$

38)a) 1. virus
2. worms
3. Spyware
4. Ransomware $\boxed{- 2\text{ marks}}$
Explaination of the above $\boxed{- 3\text{ marks}}$

b) i) $(116\,1.0.110)_2$

$\underset{3}{\underbrace{011}} \qquad \underset{2}{\underbrace{010}} \qquad \underset{6}{\underbrace{110}}$

$(110101110)_2 = (326)_8$ $\boxed{- 2\frac{1}{2}\text{ marks}}$

(ii).
```
    1  0  1  1
    1  0  0  1
 1  0  1  0  0
```

$1011_2 + 1001_2 = 10100_2$ $\boxed{2\frac{1}{2}\text{ marks}}$

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(b)

34.

AutoSpellCheck

- Option checks each word as it is typed and displays a wavy red line under any misspelled word. Once the word is corrected, the red wavy line disappears.

- Can be done byclicking the AutoSpellCheck icon ABC

- To perform a separate spelling check on the document.

- Click the Spelling and Grammar icon ABC. This checks the document or selection

- **Right-click** on a word with a wavy underline, to open a powerful context menu. Correct words can be selected from the suggested words on the menu. The selection will replace the misspelled word with correct word.

- The new words can be added to a dictionary. Click **Add** in the Spelling dialog box and pick the dictionary to add it to.

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