

Tsl11CA

Tenkal District
Second Revision Examination - 2024



Time: 3.00 Hours

Standard 11
COMPUTER APPLICATION
Part - I

Marks: 70

15x1=15

Choose the correct answer

- 1) Which one of the following is used to in ATM machines
a) Touch screen b) speaker c) Monitor d) Printer
- 2) How many bytes does 1 Kilo Byte contain?
a) 1000 b) 8 c) 4 d) 1024
- 3) An example of single task operating system is
a) Linux b) Windows c) Ms-Dos d) Unix
- 4) The shortcut key used to rename a file in windows
a) F2 b) F4 c) F5 d) F6
- 5) A formula in calc may begin with
a) = b) + c) - d) all the above
- 6) Identify the default view in Impress
a) Normal b) slide sorter c) Handout d) Notes
- 7) The internet is governed by
a) ICANN b) ICANM c) ICMA d) ICNA
- 8) HTML tags should be specified within
a) [] b) { } c) () d) < >
- 9) The tag is used to insert an image in HTML
a) Image b) Picture c) Img d) Pic
- 10) The declaration block of CSS is surrounded by
a) () b) [] c) { } d) < >
- 11) Which is mostly used to give a warning message to users?
a) Alert Dialog Box b) Conform Box c) Prompt Box d) Dialog Box
- 12) Which of the following is not a looping statement?
a) Switch b) While c) Do-While d) for
- 13) Which of the following allow the programmer to modularize a program
a) Library functions b) User defined functions
c) Normal functions d) Ordinary functions
- 14) E-commerce means
a) electronic commerce b) electronic data exchange
c) electric data exchange d) electronic commercialization
- 15) Legal recognition for transactions are carried out by
a) Electronic Data Interchange b) Electronic Data Exchange
c) Electronic Data Transfer d) Electricals Data Interchange

Part - II

Answer any 6 of the following. Q.No. 24 is compulsory.

6x2=12

- 16) What is the function of memory?
- 17) What is HDMI?
- 18) State the differences between proprietary software and open source software?
- 19) What is a browser?

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- 20) Write down the general format of marquee
- 21) What is the use of function?
- 22) What is a cookie?
- 23) Write the general syntax for "Switch" Statement
- 24) Write an HTML code to create a webpage to display the following list:
 1. Tamil nadu
 - a) Chennai
 - b) Madurai

Part - III

Answer any 6 of the following. Q.No. 33 is compulsory.

6x3=18

- 25) Write a note on Multiprocessing.
- 26) Write a note on the elements of a window
- 27) Write about inserting columns and rows in Calc
- 28) What is a normal view? Explain.
- 29) Difference between and tags.
- 30) Write a short note on familiar image format
- 31) Write about encryption and decryption
- 32) What is TSCII?
- 33) Convert $(150)_{10}$ into Binary, then convert that Binary number to Octal.

E.RAJKUMAR M.C.A.,B.Ed,
PG COMPUTER SCIENCE
Tenkasi district
Mobile No:8122402438

Part - IV

Answer all the questions

5x5=25

- 34) a) Explain the basic components of a computer with a neat diagram
(OR)
- b) a) Add $1101010_2 + 101101_2$
b) Subtract $1101011_2 - 111010_2$
- 35) a) Arrange the memory devices in ascending order based on the access time.
(OR)
- b) What is Header and Footer? How do you insert page numbers in footer area?
- 36) a) Write a note on any five Internet browsers other than that given in the book
(OR)
- b) Write a HTML program to display your school name and address using various heading level tags.
- 37) a) List and explain the Font and text element properties and values used in CSS
(OR)
- b) Explain about the popup dialog boxes in Javascript
- 38) a) Explain for loop with example
(OR)
- b) Write a program in Javascript to find the cube of a number using function.

Tenkasi DistrictSecond Revision TestXI Computer Application - Answer KeyPart - I

1. a) Touch screen
2. d) 1024
3. C) MS - DOS
4. a) F2
5. d) all the above
6. a) Normal.
7. a) ICANN
8. d) < >
9. c) Jmg
10. c) { }
11. a) Alert Dialog Box
12. d) for
13. b) user defined functions
14. a) electronic Commerce
15. a) Electronic Data Interchange

Part - II

16) The Primary memory is used to temporarily store programs and data.

The secondary memory is used to store data permanently.

It holds the data and instructions during the process.

17)

- 2 marks.

17) High definition Multimedia Interface is an audio/video interface which transfers the uncompressed video and audio data from a video controller to a compatible computer monitor, LCD projector, digital television etc.

- 2 marks

Proprietary software	Open source software
MS word - Microsoft corporation	Openoffice writer
WPS word - KingSoft	Libre office writer
Word pro - Lotus corporation	Abiword
	Apache The document Foundation Phil source

- 2 marks

19. A browser is used to access websites and web pages.

(Example) - Internet explorer, Chrome, Safari etc - 2 marks

20. `<marquee> Textor image to be scroll </marquee>` - 2 marks

21. * Functions are used to encapsulate code that performs a specific task.

* To enhance reusability and program clarity

* To avoid the repetition of the code.

(Any 2 Points) - 2 marks

22. A cookie is a small piece of data sent from a website and stored on the user's computer memory by the user's web browser while the user is browsing internet - 2 marks

23. Switch (expression)

```

{
  case label 1:
    statements 1;
    break;
  case label 2:
    statements 2;
    break;
  default:
    statements;
}

```

- 2 marks

24. ``
` Tamilnadu`
`<OL type="a">`
` Chennai!`
` Madurai`
`` `` - 2 marks

(OR) Suitable Program

Part-III

25) * It is a one of features of operating system
 * It has two or more processing for a single running process (job)
 * Processing takes place in parallel is known as Parallel Processing.

* The execution takes place in parallel of this feature is used for high speed execution which increases the power computing. (-3 marks)

- 26) 1. Title bar - 4. Scroll bars
2. menu bar 5. Corners borders.
3. The workspace.

- Explain the headings (-3 marks)

27. Inserting Columns:

1. select the column where a new column should be inserted
 2. Right click on the selected column row that you selected. A popup menu appears.
 3. click the "Insert Columns" option from the menu. Now, a new column will be inserted to the left of the current column (or)
- click insert → Columns option from the menu.

Inserting Rows: - 1 1/2 marks

1. select the row where a new row to be inserted
 2. Right click on the row number, a popup menu appears step
 3. click "Insert Rows" option from the menu
- Now a new row will be inserted to above the current row (or)
- click insert → Rows option from the menu. - 1 1/2 marks

28. * Normal view is the main view for creating individual slides

* Use this view to rearrange the order of slides, edit titles and headings, rearrange the order of items in a list and add new slides.

- 3 marks

29. Unordered List is surrounded with in ... tags

Unordered Lists are often referred as bulleted lists. Instead of numbers, each element

Numbered List is created with in the tag pair ... Tag

Ordered list displays items in a numerical or alphabetical order. - 3 marks

in the list has prefixed with a special bullet symbol.

30) 1. GIF 2. JPEG 3. PNG 4. SVG
 Explain any three.
 - 3 marks

31) Encryption - It is the process of translating the plain text data into cipher text.
 Decryption - It is the reverse process of converting cipher text back to plaintext.
 - 3 marks

32) TSCII is the first coding system to handle our Tamil language.
 This encoding scheme was registered in IANA (Internet Assigned Numbers Authority) a unit of ICANN.
 - 3 marks

33. $(150)_{10} = (010000010)_2$

2	150
2	75 - 0
2	37 - 1
2	18 - 0
2	9 - 0
2	4 - 0
2	2 - 0
1	1 - 0

33) $(150)_{10} = 010010110$

2	150
2	75 - 0
2	37 - 1
2	18 - 1
2	9 - 0
2	4 - 1
2	2 - 0
1	1 - 0

$(150)_{10} = (226)_8$
 - 3 marks.

Part - IV

34) a) Explanation
 1. Input unit / output unit 1 mark
 2. CPU 2 marks
 a. Control unit
 b. ALU
 c. Internal memory
 3. Memory unit 1 mark
 Diagram. 1 mark.

b) a)

$$\begin{array}{r} 1101010 \\ 101101 \\ \hline 10010111 \end{array}$$

$$\begin{array}{r} 61010 \\ 111010 \\ \hline 0110001 \end{array}$$

35) a)



With Explanation

b)

The header is a section of the document that appears in the top margin, which displays the title or chapter name, author name of document. Footer. The footer is a section of the document that appears in the bottom margin of the page which displays page number, date time etc.

Insert page numbers in footer area - 3 marks

36) a)

LYNX	DILO	VIVALADI
OPERA	MOSAIC	COMADO DRAGON
KONQUEROY	MICROSOFT EDGE	BRAVE
NETSCAPE		

(Explain any 5 browsers)

- 5 marks

b)

```
<html>
<head>
<title> school </title>
</head>
<body>
<h1> x x x x x </h1>
<h2> x x x x x x </h2>
<h3> x x x x x </h3>
<h4> x x x x </h4>
<h5> x x x x </h5>
<h6> x x x x </h6>
</body>
</html>
```

(OR) suitable program

37) a)

Properties

Values

Color
Text Align
Font Family
Font Style
Font Weight
Font Size

Predefined colors name
center / Left / right / justify
font name
Normal / Italic
Normal / bold
size in pixels

Any 5 with an example

b)

Alert Dialog box

Confirm >> >>
Prompt >> >>

With Exclamation

38) a)

* It is a very rigid structure that loops for a preset number of times

* In Java script, for structure is very flexible, which makes this type is very used.

Syntax:

```
for (initialization; condition; increment/decrement)
{
  Body of loop;
}
```

Any Example:

b).

```
<html>
<head>
<title> cube </title>
</head>
<body>
```

2 marks

(OR)

(OR)
Suitable
Program

```
<script language="javascript" type="text/javascript">
var n = prompt("Enter value", "0");
var c = cube(n);
```

1 mark

document.write(n + "The value is " + n + " - The given value of cube is: " + c);

```
function cube(x)
{
  var c = x * x * x;
```

```
  return c;
}
```

```
</script>
</body>
</html>
```

2 marks

5 marks