

TSH11CA

Tenkasi District  
First Revision Examination - 2024



Time: 3.00 Hours

**Standard 11**  
**COMPUTER APPLICATION**  
Part - I

Marks: 70

1. Choose the correct answer.

15x1=15

- 1) Identify the input device.  
a) printer                      b) mouse                      c) plotter                      d) projector
- 2) How many bits constitute a word?  
a) 8                                      b) 16  
c) 32                                      d) determined by the processor used
- 3) The file management system used by Linux is  
a) ext2                                  b) NTFS                                  c) FAT                                  d) NFTS
- 4) 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
- 5) What is changing the default appearance of the text called?  
a) Text Formatting                      b) Page Formatting  
c) Special Formatting                      d) Paragraph Formatting
- 6) What will be the result from the following expression (Assume H1 = 21, H2 = 21)?  
= H1 < > H2  
a) True                                  b) false                                  c) 24                                  d) 2121
- 7) USB WIFI adapters are often called as  
a) Data Card                                  b) Pen Drive                                  c) Dongles                                  d) Memory card
- 8) In HTML, colours are represented as  
a) Binary values                                  b) Octal values  
c) Decimal values                                  d) Hexadecimal values
- 9) 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
- 10) CSS is also called as:  
a) Site wide style sheets                      b) Internal style sheets  
c) Inline style sheets                                  d) Internal Inline sheets
- 11) The file reload into the browser use the shortcut key is  
a) F2    b) F3    c) F4    d) F5
- 12) Which of the following is not a branching statement?  
a) Loop    b) if-else    c) switch    d) for
- 13) Larger programs are divided into smaller called  
a) modules                                  b) block    c) sets    d) Group
- 14) A computer network security that monitors and controls incoming and outgoing traffic is  
a) cookies                                  b) virus    c) Firewell    d) worms
- 15) Distributing unwanted e-mail to others is called.  
a) scam    b) spam    c) fraud    d) spooling

Tb11CA

## Part - II

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

6x2=12

- 16) Distinguish primary and secondary memory.
- 17) Convert  $(46)_{10}$  into binary number.
- 18) What is the difference between a slide and a slide show?
- 19) What is a search engine?
- 20) What is the use of <style> tag?
- 21) Write note on types of operator.
- 22) Write two types of cyber attacks.
- 23) What are the keyboard layouts used in Android?
- 24) Write an HTML code to create a webpage to display the following lists
  - Languages
    - Tamil
    - Malayalam
    - Telugu

## Part - III

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

6x3=18

- 25) Differentiate PROM and EPROM
- 26) What are the different types of orientation?
- 27) What are the keyboard shortcuts to cut, copy and paste?
- 28) Write a note on Hotspot internet Service.
- 29) How do you save a file as HTML file?
- 30) Write a short note on rule of CSS
- 31) What are the advantages of programming language?
- 32) What is the role of firewalls?
- 33) Perform the following binary computations.  
 $10_{10} + 15_{10}$

## Part - IV

Answer all the questions.

5x5=25

- 34) a) Discuss the various generations of computers.  
 (OR)  
 b) Write the procedure to convert fractional Decimal to Binary.  
 a) convert  $(98.46)_{10}$  to Binary
- 35) a) Explain the process management in algorithms in operating systems.  
 (OR)  
 b) Explain the versions of windows operating systems.
- 36) a) Explain about changing the column width in calc.  
 (OR)  
 b) List some advantages of using templates.
- 37) a) Explain the attributes used with <table> tag in HTML  
 (OR)  
 b) Explain the attributes of <select> and <option> tags.
- 38) a) Explain Switch case statement with example.  
 (OR)  
 b) Write a program in Java Script to find the sum of 10 numbers using function.

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## Tenkasi District

First Revision Examination - 2024

XI Computer Applications - Answer Key

## Part - I

1. b) mouse
2. d) determined by the processor used
3. a) ext2
4. a) my document
5. a) Text Formatting
6. b) false
7. c) Jorgies
8. d) Hexa decimal values
9. a) method and action
10. a) site wide sheets
11. d) f5
12. d) for
13. a) modules
14. c) Firewall
15. b) Spam

## Part - II

- |   |   |
|---|---|
| <p>16)</p> <p><u>Primary memory</u></p> <ol style="list-style-type: none"> <li>1. It is used to temporarily store the programs and data when the instructions are ready to execute.</li> <li>2. It is a volatile/ the content is lost, when the power supply is switched off.</li> <li>3. Example: RAM</li> </ol> | <p><u>Secondary memory</u></p> <p>It is used to store data permanently.</p> <p>It is non-volatile, the content is available even after the power supply switched off.</p> <p>Example: CD-Rom, DVD-Rom, Harddisk etc</p> |
|---|---|

TNPE - 2 marks  
Any two points.

17)

$$\begin{array}{r}
 2 \overline{) 46} \\
 \underline{23 - 12} \\
 2 \overline{) 11 - 1} \\
 \underline{2 \overline{) 5 - 1}} \\
 \underline{2 \overline{) 2 - 1}} \\
 1 - 0
 \end{array}$$

$$(46)_{10} = (101110)_2$$

- 2 marks

Slide show.

18)

Slide

A slide is an editable format that contains different element like text, table, charts, clipart etc.

A slide show is a combination of a number of slides that run one after another.

- 2 marks

19.

A search engine is a software system that is designed to search information on the world wide web.

- 2 marks

20.

A style tag is used to change the default characteristics of a particular tag in the entire web document whenever that tag is used.

- 2 marks

21.

The type of operator is used to get the data type of its operand.

The operand can be either a literal or a data structure such as a variable, a function or an object.

- 2 marks

22)

virus, worms, spyware, ransomware.  
(write any 2)

- 2 marks

23)

Selli nam and ponmadal are familiar Tamil keyboard layouts that were used on Android operating system in smartphones.

using ph analysis

- 2 marks

20) 

```
<html>
<head>
<title> list </title>
</head>
<body>
<ul>
<li> languages
<li type = circle>
```

```
</li> Tamil
</li> Malayalam
</li> TELUGU
</ul>
</body>
</html>
```

- 2 marks

Part - II

25- PROM

1. PROM stands for Programmable Read only memory.
2. It is a non volatile memory.
3. It can be written only once and cannot be erased.
4. PROM retain their contents even when the computer is turned off.

EPROM

- EPROM stands for Erasable Programmable Read only memory.
- It is a special type of memory.
- It is used to erase the content of a EPROM.
- EPROM retain the contents until it is exposed to ultraviolet light.

11921, - 3 marks

26) There are two different orientation.

1. Landscape - The width of the document is more than height.
2. Portrait - It is a default orientation. The height of the document is more than width.

- 3 marks

27. cut - ctrl + X

paste - ctrl + V

Copy - ctrl + C

- 3 marks

28) 1. Hot spots are sites that offer Internet access over a WLAN. - 1 mark

2. It uses wifi Technology or radio waves to connect the devices. - 1 mark

3. It can be phone based or free standing Commercial or free to the public. - 1 mark

- 29) 1. Click File → save (or) Press Ctrl+S  
 2. In File name text box type a file name with .htm or .html extension  
 3. Select All files from save as type list box  
 4. Click save button

— 3 marks

- 30) CSS style declaration consists of two major parts  
 \* selector \* Declaration

\* The selector refers an HTML tag in which you want to apply styles.

\* The Declaration is a block of code contains style definition

\* It should be surrounded by curly braces

\* The property name and its value should be separated by colon

\* Each declaration should be terminated by semicolon.

— 3 marks

- 31) HTML is used to develop static web pages  
 Javascript is used to develop dynamic "

JavaScript saves server traffic.

user entered data in the  
 \* Dynamic web page can be validated before sending it to the server.

— 3 marks

- 32) \* It is a computer network security based system that monitors & controls incoming and outgoing network traffic based on predefined security rules.

\* It is established between a block between a trusted internal computer.

— 3 marks.

$$\begin{array}{r} 33) 2 \overline{) 10} \\ 2 \overline{) 10} - 0 \\ \hline 2 \overline{) 2} - 1 \\ \hline 1 - 0 \end{array}$$

$$\begin{array}{r} 2 \overline{) 15} \\ 2 \overline{) 15} - 1 \\ \hline 2 \overline{) 3} - 1 \\ \hline 1 - 1 \end{array}$$

Binary representation of  $(10)_{10} = (1010)_2$

Binary representation of  $(15)_{10} = (1111)_2$

8 bit representation ~~(10)~~  $(10)_{10} = 00001010$

8 bit representation  $(15)_{10} = 00001111$

1's complement

~~$(10)_{10} = 11110101$~~

~~$(15)_{10} =$~~

~~$00011001$~~

~~$11110101$~~

~~$11110000$~~

~~$111100101$~~

- 3 marks

34) a)

Part-IV

I <sup>st</sup> Generation	1940-1956	Vacuum Tubes
II <sup>nd</sup> "	1956-1964	Transistors
III <sup>rd</sup> "	1964-1971	IC
IV <sup>th</sup> "	1971-1980	VLSI
V <sup>th</sup> "	1980	ULSI
VI <sup>th</sup> "	In Future	Robotics

Explain Merits & Demerits.

- 5 marks

b) a)

- Multiply the decimal fraction by 2 and note the integer part.
- Multiply the fractional part as the previous part by 2
- Repeat step 1 until the same fraction repeats or terminates (0)

- 2 marks

b)

$(98)_{10} = (1100010)_2$

$(.46)_{10} = (.011101)_2$

1 1/2 marks

1 1/2 marks

35) a)

Explain

1. FIFO

- 2 marks

2. SJF

- 1 mark

3. Round ROBIN

- 1 mark

4. Based on priority.

- 1 mark

b)

Windows 1. X - 1985

2. X - 1987

3. X - 1992

95 - 1995

98 NT 1998

NT

Windows me 2000

Windows 2000 2000

Windows XP 2001

Vista 2006

7 - 2009

8 - 2012

10 2015

With Explanation

← 5 marks

36) a) Important points -  
 Format → column → width  
 Enter the width  
 default value

by,  
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b) Explain  
 Professional Graphic design  
 Branding  
 Speed.  
 Quick customization ← 5 marks

37) a) 1. cell spacing - set the space b/w cells, value in pixels  
 2. padding - space b/w the content of cell & its border  
 3) Border - Specify the thickness of the border  
 4) border colour - apply the colour to the border  
 5) Align - set the position of the table in browser window  
 6) Background colour - apply background colour to the table  
 7) Height and width - Specify the height and width of the table. ← 5 marks

b) Attributes of <select> tag  
 Name Selected  
 Size Value.  
 Multiple. ← 5 marks

38) a) Switch statement is an alternate to if-else structure  
 Especially useful when testing all possible  
 results of an expression. ← 2 marks

Syntax:  
 Switch (expression)      break;  
 {                                    default  
   case label 1:                statements;  
   {                                    } - 2 marks  
   statements;  
   break;  
   case label n:                statements;  
   {

Ans. Example: 1 marks

b) Any suitable program

5 marks