

Tat11CA

Tenkasi District  
Common Half Yearly Examination - 2023



Standard 11

**COMPUTER APPLICATION**  
**PART - I**

Time: 3.00 Hours

Marks: 70

**I. Choose the correct Answer:****15x1=15**

- 1) Which of the following is used to in ATM Machines  
a) Touch Screen    b) Speaker    c) Monitor    d) Printer
- 2) Which amongst this is not an Octal number?  
a) 645    b) 234    c) 876    d) 123
- 3) Which of the following is a CISC processor?  
a) Intel P6    b) AMDK6    c) Pentium III    d) Pentium IV
- 4) Which of the following OS is a commercially licensed operating system?  
a) Windows    b) Ubuntu    c) Fedora    d) REDHAT
- 5) 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
- 6) Which menu contains the numbering options?  
a) File    b) Edit    c) Tools    d) Format
- 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) Identify the extension of the Impress presentation  
a) .odp    b) .ppt    c) .odb    d) .ood
- 9) How many types of websites are available?  
a) 3    b) 2    c) 4    d) 6
- 10) Which of the following attributes is used to change text colour within body tag?  
a) bg color    b) background    c) text    d) color
- 11) Pick odd one from the list  
a) <tr>    b) <th>    c) <dh>    d) <td>
- 12) What is selector?  
a) property    b) value    c) HTML tag    d) name
- 13) Expand CGI  
a) Common Gateway Interface    b) Complex Gateway Information  
c) Common GatewayInformation    d) Complex Gateway interface
- 14) <script type = "text/java script">  
x = 6 + "3";  
document write (x);  
</script> what will be the output?  
a) 6    b) 9    c) 63    d) error
- 15) A computer network security that monitors and controls incoming and outgoing traffic is  
a) cookies    b) virus    c) firewall    d) worms

**PART - II****II. Answer any six questions. Question number 24 is compulsory: 6x2=12**

- 16) Which source is used to erase the content if a EPROM?
- 17) Write a note on Multiprocessing.
- 18) Define a template in Impress.
- 19) What is the purpose of <input> tag?

Kindly send me your answer keys to us - padasalai.net@gmail.com

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- 20) Write down general format of css declaration.
- 21) What is the use of prompt dialog box?
- 22) Write a note on library functions.
- 23) List the search engines supported by Tamil Language.
- 24) What is wrong in the following coding?

```
<html>
<my web page>
<title> welcome to my web page
</head>
</title>
```

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## PART - III

III. Answer any six questions. Question number 33 is compulsory: 6x3=18

- 25) Differentiate CD and DVD.
- 26) What are the advantages and disadvantages of Time-Sharing features?
- 27) What is a Normal View? Explain.
- 28) What are the attributes available in <html> tags?
- 29) Explain the main attributes used with <form> tag.
- 30) Write a css file to define font type, style and size to <h1> tag.
- 31) Brief the basic data types in Java scripts.
- 32) Differentiate between while and Do-while loop.
- 33) Write a program in Javascript to find the sum of numbers using functions.

## PART - IV

IV. Answer all the questions:

5x5=25

- 34) a) Discuss various generations of computers.  
(OR)  
b) a) Add:  $1101010_2 + 101101_2$   
b) Subtract:  $1101011_2 - 111010_2$
- 35) a) Explain the versions of Windows Operating System.  
(OR)  
b) Write the steps to find and replace a word with another word in oper office writer?
- 36) a) Write the steps to generate the following series 5, 10, 20,.....2560  
(OR)  
b) Explain any five internet applications with suitable examples.
- 37) a) Explain the types of list with suitable HTML code.  
(OR)  
b) Explain for loop with examples.
- 38) a) Explain switch case statement with example.  
(OR)  
b) Write the different types of Cyber attacks.



# XI Standard Computer Applications

Tenkasi District

Half Yearly Examination - Answer Key - 2023

## PART-I

- I.
1. a) Touch screen.
  2. c) 876
  3. c) Pentium III
  4. a) windows
  5. a) my Document
  6. d) Format
  7. b) 25
  8. a) .odp
  9. b) 2
  10. c) text
  11. a) db
  12. c) HTML Tag
  13. a) Common Gateway Interface.
  14. c) 63
  15. c) Firewall

## PART-II

- II
16. Ultraviolet rays is used to erase the content of a EPROM. - 2 marks
  17. \* Multiprocessing has two or more processors for a single process (job)  
 \* Processing takes place in parallel is known as Parallel Processing  
 \* Each processor works on different parts of the same task or two or more different tasks - 2 marks
  18. \* A Template is a predefined design of a presentation on a particular topic which is used for a new presentation. - 2 marks

19. \* Most of the Form controls are created by using `<input>` tag.

\* The `<input>` is an empty tag used to create different form elements or controls such as text box, radio buttons so on.

- 2 marks

20.

Selector

Declaration

HTML Tag

{ properties: values; } - 2 mark

21.

\* The prompt dialog box is <sup>very</sup> useful when the user want to popup a text box to get user input

\* Thus, it enables you to interact with the user

\* The user needs to fill in the text box or field and then click ok. - 2 mark

22.

\* Predefined functions are already defined in the JavaScript library which are also called library functions (- 2 marks)

Example: `isNaN()`, `toUpperCase()`, `toLowerCase()`, `length()`, `alert()`, `prompt()`, `write()`

23.

Google, Bing, Yahoo (Any two) - 2 Marks

24.

`<html>`

`<head>`

`<title> my webpage </title>`

`</head>`

`<body>`

welcome to my webpage

`</body>`

`</html>`

- 2 marks

2



PART-III

III 25.

CD

1. CD stands for Compact disc

2. Capacity: 700 MB

3. Single layered slides are usually single coloured

4. CD data is represented as tiny indentations is known as "pits".

(OR) Any 3 difference

DVD

DVD stands for Digital Versatile disc (or) Digital Video disc.

Capacity: 4.7 GB.

Double layered slides are usually gold coloured.

More than 32 times what a CD can hold.

- 3 marks

26.

Advantages:

\* For each task a fixed time is allocated.

\* The processor switches rapidly between various processes after a time elapsed or the process is completed.

Disadvantages:

\* Unreliability during data transmission.

- 3 marks.

27)

Normal view:

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

\* Use this view to format and design slides and to add text, graphics and animation effects.

(OR)

\* There are two ways to place a slide in the slide design area of the Normal view: Clicking the slide thumbnail in the Slides Pane or using Navigator.

- 3 marks -

28. x <html> tag has two attributes dir and lang to specify the text direction and language setting respectively. — 3 marks

29. The important attributes used with the <form> tag are method and action attributes.  
 Method — It is used to identify how the form element names and values will be sent to the server.  
 Action — The action attribute identifies the server side program or script that will process the form CGI. — 3 marks

30. 

```
H1
{
  font-family: "Times New Roman";
  font-style: italic;
  font-size: 15px;
}
```

 — 3 marks

31. The basic datatypes in javascript are strings, numbers, booleans  
 strings }  
 numbers } Definition — 3 marks  
 booleans }

32) While Downwhile.  
 1. while loop is to do while loop body  
 execute a statement / execute as the loop always execute  
 block of statement at least once before  
 repeatedly as long as the condition can be  
 an expression is true. executed.

2. Syntax: while (condition) do  
 { body of loop } while (condition)  
 — 3 marks

33)

&lt;html&gt;

&lt;head&gt;

&lt;script type="text/javascript"&gt;

var num = window.prompt("Enter the number", "");

var n = parseInt(num);

result = sumNaturalNo(n);

window.alert("The sum of: " + n + " is " + result);

function sumNaturalNo(n)

{

var i;

var sum = 0;

for (i = 1; i &lt;= n; i++)

{

sum = sum + i;

}

return sum;

}

&lt;/script&gt;

&lt;/head&gt;

&lt;/html&gt; — 3 marks

(OR) Any Suitable Program.

Part - IV

IV 34) a) Generations of Computers

First Generation — 1940-1956 — Vacuum tubes

Second ) — 1956-1964 — Transistors

Third ) — 1964-1971 — Integrated Circuits (IC)

Fourth ) — 1971-1980 — Microprocessor (VLSI)

Fifth ) — 1980-till date — VLSI. 2 marks

Sixth ) — In future — Robotics.

EXPLAIN the generation

3 marks

b) a)

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

b)

---


$$10010111$$

2 1/2 marks

b)

$$\begin{array}{r} 1101011 \\ 111010 \end{array}$$


---


$$01110001$$

2 1/2 marks



35) a) Windows 1. X - 1985

- 2) 2. X - 1987
- 3) 3. X - 1992
- 4) 95 - 1995
- 5) 98 - 1998
- 6) NT
- 7) Me - 2000
- 8) 2000 2000

Windows XP - 2001

- 9) Vista - 2006
- 10) 7 - 2009
- 11) 8 - 2012
- 12) 10 - 2015

- 5 marks

- b)
1. Type the text you want to find in the Search for box
  2. To replace the text different text by the new text in the Replace with box.
  3. To replace text, click Replace button.
  4. Click Find All, writer selects all instances of the search text in the document.
  5. Click Replace all button, writer replaces all matches.
  6. Enable match case to perform the search case sensitively so that upper case & lower case are distinguished separately.
  7. Enable whole words only to make the search more specific to words.

- 5 marks

- 36) a)
1. Select the required number of cells to generate the series
  2. Click EDIT → FILL, the fill series dialog box appears on the screen.
  3. Select the direction as Down in fill series dialog box.
  4. Select the series type Growth.
  5. Initial value of the series 5 should be typed in start value box.
  6. Maximum value of the series 2560 should be typed in End value box.
  7. The value 2 should be typed in increment box.
  8. Click OK.

6

- 5 marks



(Explain any five)

- b)
- |                                  |                       |
|----------------------------------|-----------------------|
| 1. Internet telephony using VoIP | 10. Social Networking |
| 2. Job search                    | 11. Voice mail        |
| 3. Online shopping               | 12. Chatting          |
| 4. Stock market updates          | 13. E-banking         |
| 5. Travel                        | 14. E-learning        |
| 6. Research                      | 15. E-governance      |
| 7. Video Conferencing            |                       |
| 8. E-commerce                    |                       |
| 9. Online Payments               |                       |

- 5 marks

- 37) a) HTML supports three types of lists
- \* Numbered List / ordered list
  - \* Unnumbered / unordered list
  - \* Definition "

~~Numbered list~~ - Explanation - 3 marks

b) for loop:

\* It is a very rigid structure that loops for a pre-set number of times. 1 mark

\* In JavaScript, for structure is very flexible, which makes this type is very useful.

Syntax:

```
for (initialization; condition; increment/decrement)
```

```
{
```

```
  Body of loop,
```

```
}
```

Example: - 2 marks.

38) a) Switch case statements:

\* It is an alternate to using if...else structure.

\* The switch statement is especially useful when testing all possible results of an expression.

- 2 marks

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Syntax:

Switch (expression)

{

Case label 1:

Statements 1;

break;

Case label 2:

Statements 2;

break;

Case label n:

Statements - N;

break;

default:

Statements;

}

- 2 marks

Write any suitable example - 1 mark

- b) 1. VIRUS
- 2. WORMS
- 3. SPYWARE
- 4. RANSOMWARE

With Explanation

- 5 marks

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