

Tsi11CA

Tenkasi District  
Common Quarterly Examination - 2023

**Standard 11**  
**COMPUTER APPLICATIONS**

Time Allowed: 3.00 Hours

Maximum Marks: 70

**PART - I****I. Choose the correct answers:****15×1=15**

- 1) When a system restarts which type of booting is used?  
a) Warm booting    b) Cold booting    c) Touch boot    d) Real boot
- 2)  $2^{50}$  is referred as  
a) Kilo    b) Tera    c) Peta    d) Zetta
- 3) Which of the following is a CISC processor?  
a) Intel P6    b) AMD K6    c) Pentium III    d) Pentium IV
- 4) Display devices are connected to the computer through  
a) USB port    b) Ps/2 port    c) SCSI port    d) VGA
- 5) Which of the following operating system support Mobile Devices?  
a) Windows 7    b) Linux    c) Boss    d) iOS
- 6) The file management system used by Linux is  
a) ext 2    b) NTFS    c) FAT    d) NFS
- 7) 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
- 8) Which is the opening screen of open office?  
a) Star desktop    b) Star center    c) Star screen    d) Star window
- 9) Grid of cells with a programmable calculator  
a) Spreadsheet    b) Database    c) Word processor    d) Linux
- 10) What will be the result from the following expression?  
(Assume  $H_1 = 12$ ,  $H_2 = 12$ )?  $H_1 < > H_2$   
a) true    b) false    c) 24    d) 1212
- 11) Identify the default view in Impress.  
a) Normal    b) Slide sorter    c) Handout    d) Notes
- 12) Identify the extension of the Impress presentation.  
a) .odp    b) .ppt    c) .odb    d) .ood
- 13) 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
- 14) How many types of website are available?  
a) 3    b) 2    c) 4    d) 6
- 15) The tag used to insert a line break  
a) <h1>    b) <br>    c) <html>    d) <p>

**PART - II****II. Answer any six questions. Question number 24 is compulsory: 6×2=12**

- 16) What is a computer?
- 17) Which source is used to erase the content of a EPROM?
- 18) What is a GUI?

Tst11CA

2

- 19) What are called Standard Icons?
- 20) How do you insert pictures into your document?
- 21) What are the keyboard shortcuts to cut, copy and paste?
- 22) Define a template in Impress.
- 23) What is the role of ICANN?
- 24) How do you define comments in HTML?

**PART - III****III. Answer any six questions. Question number 33 is compulsory: 6×3=18**

- 25) Differentiate Optical and Laser mouse.
- 26) Write down the interfaces and ports available in a computer.
- 27) What are the advantages and disadvantages of Time-sharing features?
- 28) Write the two ways to create a new folder.
- 29) What are the parts of writer window?
- 30) Write any three formatting options.
- 31) What is a Normal view? Explain.
- 32) Differentiate Website and Webpage.
- 33)  $(11010110)_2$  convert into octal number.

**PART - IV****IV. Answer all the questions:****5×5=25**

- 34) a) Discuss the various generations of computers.  
(OR)  
b) Find 1's complement and 2's complement for the following Decimal number.  
(a) -98 (b) -135
- 35) a) Explain the types of ROM. (OR)  
b) Explain the process management algorithms in operating system.
- 36) a) Explain Elements of a window.  
(OR)  
b) Write the steps to Find and Replace a word with another word in Open Office Writer.
- 37) a) Write the steps to generate the following series:  
5, 10, 15, 20, ..... 2560  
(OR)  
b) Explain any five types of internet service.
- 38) a) Explain any five internet applications with suitable examples.  
(OR)  
b) Write a HTML code to display your name and school name.  
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## Tenkasi District

Common Quasiety Examination - 2023

1<sup>st</sup> Computer Applications - Architecture

## PART-I

- I 1.
2. a) Warm booting.
3. c) Peter
4. e) Pentium III
5. d) VGA
6. d) iOS
7. a) EXH2
8. a) my document
9. b) star center
10. a) spreadsheet
11. b) false
12. a) Normal
13. a) .odt
14. a) wireless Local Area Network
15. b) 2
16. b) <br>

## PART-II

- II 16. Computer:
  - \* 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 instructions, produces a result and saves it for future use. - 1 mark
17. Ultraviolet rays source is used to erase the content of a EPROM. - 2 marks
18. \* window based system with a pointing device to direct I/O, choose from menus, make selections and and a keyboard to enter data. It's vibrant colours attract the user very easily. - 2 marks

19. The icons which are available on desktop by default while installing windows are called standard icons. - 2 marks

20. 1. Select Insert → picture → From file.  
2. Select image from specific location.  
3. Click OK. - 2 marks

21. Cut - Ctrl + X    Copy - Ctrl + C    Paste - Ctrl + V - 2 marks

22. \* A template is a predefined design of a presentation on a particular topic which is created for a new presentation. - 2 marks

23. \* Internet Corporation for Assigned Names and Numbers (ICANN) administers the domain registration.  
\* It helps to avoid a relay registered <sup>name</sup> - 2 marks

24. \* comments are used to describe the page or provide some kind of indication of the status of the page.

\* The tag <!-- --> is used to create comments.

\* In HTML the text what you type within this tag is considered as comments and it is ignored by browser.

### PART-III

II 25. Optical mouse.

1. optical mouse uses light sources instead of ball

to judge the motion of the pointer

2. It is less sensitive

3. It can be used to towards surface

laser mouse

laser mouse uses laser light

It is highly sensitive

It can be used on any hard surface

- 2 marks



- Explain any 3 headings.
26. Serial port PC port  
Parallel → SCSI port  
USB ports  
VGA Connector  
Audio Plugs  
- 3 marks
27. Advantages  
\* For each task a fixed time is allocated  
\* The processor switches rapidly between various processes after a time is elapsed or the process is completed  
Disadvantages:  
\* Unreliability during data transmission  
- 3 marks
28. Method - I  
1. Open Computer Man.  
2. Open any drive where you want to create a folder  
3. click file → New → Folder  
4. Type in the folder name and press enter key.  
Method II Right click → New → folder. - 2 marks
29. 1. Title bar 4. works pace  
2. Menu bar 5. status bar  
3. Tool bar  
- Explain all headings  
- 3 marks
30. [B] - Bold - Ctrl+B used to make the data as bold  
[I] - Italic - Ctrl+I used to italicize data  
[U] - Underline - Ctrl+U used to underline text  
(3) any three text formatting - 2 marks
31. \* 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

32. Website WebPage  
 1. Consists of a single document displayed by browser. A collection of multiple documents displayable by a browser.  
 2. Shares a unique domain name. Has its own unique domain name.  
 3. Makes up a website. Contains one or more web pages.  
- 3 marks

33.  $(11010110)_2$   

$$\begin{array}{r} 0110 \quad 10110 \\ \underline{3} \quad \underline{2} \quad \underline{6} \\ (326)_8 \end{array}$$
- 3 marks  
 PART-IV

34) a) First generation 1940-1956 (vacuum tubes)  
 Second " 1956-1964 (Transistors)  
 Third " 1964-1971 (Integrated Circuits)  
 Fourth " 1971-1980 (Micro processor VLSI)  
 Fifth " 1980-Till Date (ULSI)  
 Sixth " In Future.  
 Explain Merits and Demerits - 5 marks

b) (a) - 98  

$$\begin{array}{r} 2 \overline{) 98} \\ \underline{49-0} \\ 2 \overline{) 49} \\ \underline{24-1} \\ 2 \overline{) 24} \\ \underline{12-0} \\ 2 \overline{) 12} \\ \underline{6-0} \\ 2 \overline{) 6} \\ \underline{3-0} \\ 1-1 \end{array}$$

(b) - 135  

$$\begin{array}{r} 2 \overline{) 135} \\ \underline{67-1} \\ 2 \overline{) 67} \\ \underline{33-1} \\ 2 \overline{) 33} \\ \underline{16-1} \\ 2 \overline{) 16} \\ \underline{8-0} \\ 2 \overline{) 8} \\ \underline{4-0} \\ 2 \overline{) 4} \\ \underline{2-0} \\ 1-0 \end{array}$$

Binary equivalent of (98)<sub>10</sub> = 1100010  
 Add 2's complement : 01100010  
 1's complement : 10011101  
 Add 1 : 1  

$$\underline{10011110}$$

Binary equivalent (135)<sub>10</sub> = 10000111  
 1's complement : 01111000  
 Add 1 : 1  

$$\underline{01111001}$$

- 5 marks

35) Q) ROM - Read only memory

PROM - Programmable Read only memory

EPROM - Erasable >> >> >>

EEPROM - Electrically Erasable Programmable Read only memory.

Explain the above types of ROM:

- 5 marks

b) The following algorithms are mainly used to allocate the job (process) to the processor

1. FIFO (First in first out)

2. SJF (Shortest job first)

3. Round Robin

4. Based on Priority

Explain the above.

- 5 marks

36) a) Title bar      The work space      Corners & borders

Menu bar      Scroll Bars

Explain the above

- 5 marks

b) 1) click Edit → Find & Replace (or) Ctrl + F. The Find & Replace dialog box appears.

2) Type the text you want to find in the search for box. To replace the text with different text/type the new text in the Replace with box.

3) click Find button, to start the search, the found word is highlighted. To replace text, <sup>click</sup> Replace button. The highlighted word is replaced with the word given in the Replace with box.

4) click Find All, writer selects all instances of the search text in the document. click Replace all button, writer replaces all matches.

5) Enable Match case to perform the search case sensitively. So that upper case and lower case are distinguished separately. Enable Whole words only to make the search more specific to words.

- 5 marks

- 87) a)
1. select the required number of cells to format the series
  2. click EDIT-Goto, the series dialog box appears on the screen.
  3. select the direction as down for fill series dialog box
  4. select the series type Growth
  5. initial value of the series 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

b) (Explain any five)

- |             |              |                        |
|-------------|--------------|------------------------|
| 1. wireless | 4. Broadband | 7. Satellite           |
| 2. mobile   | 5. DSL       | 8. ISDN                |
| 3. ADSL     | 6. cable     | 9. Dongles / Data card |

- 5 marks

88) a)

(Explain any five)

- |                         |                              |
|-------------------------|------------------------------|
| 1. Internet telephony   | 7. Video Conferencing        |
| 2. Job search           | 8. E-commerce                |
| 3. online shopping      | 9. online payments           |
| 4. Stock market updates | 10. social networking        |
| 5. Travel               | 11. voice mail               |
| 6. Research             | 12. Chatting                 |
| 13. e-governance        | 13. e-banking 14. e-learning |

b)

```
<html>
<head>
<title>name </title>
</head>
<body style="background-color: red" >
<p> x x x x x </p> <br>
<h1> Y Y Y Y Matric School </h1>
</body>
</html>
```

- 5 marks

(OR) Any suitable programme.

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