

Tsi11CA

Tenkasi District
Common Quarterly Examination - 2024



Standard 11
COMPUTER APPLICATIONS

Time Allowed: 3.00 Hours

Maximum Marks: 70

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

- 1) Name the volatile memory.
a) ROM b) PROM c) RAM d) EPROM
- 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) AMD K6 c) Pentium III d) Pentium IV
- 4) Which is the fastest memory?
a) Hard disk b) Main memory c) Cache memory d) Blue-Ray disc
- 5) An example for single task operating system is
a) Linux b) Windows c) MS-DOS d) Unix
- 6) Which is the default folder for many windows applications to save your file?
a) My Documents b) My pictures
c) Documents and settings d) My computer
- 7) Find and Replace option is available in which menu?
a) File b) Edit c) Format d) Tools
- 8) A column heading in calc is represented using
a) Number b) Symbol c) Date d) Alphabet
- 9) Which of the following symbol is used to make a cell address as an absolute reference?
a) + b) % c) & d) \$
- 10) Which is used to move quickly from one side to another?
a) Compass b) Navigator c) Fill color d) Page border
- 11) Identify the default view in Impress.
a) Normal b) Slide sorter c) Handout d) Notes
- 12) The internet is governed by
a) ICANM b) ICANN c) ICMA d) ICNNA
- 13) How many types of websites are available?
a) 3 b) 2 c) 4 d) 6
- 14) Which of the following is a special word used to inside a tag to specify additional information to the tag?
a) Tags b) Attributes c) Headings d) Body
- 15) Which of the following tag is a structural tag?
a) <html> b) <h1> c)
 d) <p>

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

- 16) What are the components of a CPU?
- 17) What are the parameters which influence the characteristics of a microprocessor?

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- 18) What is a GUI?
- 19) What are called standard icons?
- 20) How do you merge cells in a table?
- 21) What is a cell pointer?
- 22) Define a template in Impress.
- 23) What are the components of URL addressing?
- 24) Convert $(46)_{10}$ into Binary number.

PART - III

III. Answer any six questions. Question number 32 is compulsory: 6×3=18

- 25) Write the characteristics of sixth generation.
- 26) Write note on Binary number system.
- 27) Classify the micro processor based on the size of the data.
- 28) What is multi-user operating system?
- 29) Write a note on Recycle bin.
- 30) What are the different types of orientation?
- 31) Differentiate Deleting data using Backspace and Delete.
- 32) What is normal view? Explain.
- 33) Explain the attributes available in <body> tag.

PART - IV

IV. Answer all the questions:

5×5=25

- 34) a) Discuss the various generations of computers.
(OR)
- b) i) Add: $1101010_2 + 101101_2$
ii) Subtract: $1101011_2 - 111010_2$
- 35) a) Explain the types of ROM. (OR)
- b) Explain the process management algorithms in operating system.
- 36) a) Explain the versions of Windows operating system.
(OR)
- b) What is Header and Footer? How do you insert page numbers in footer area?
- 37) a) Write the steps to generate the following series.
5, 10, 20, 2560 (OR)
- b) List some advantages of using templates.
- 38) a) Explain any five types of Internet services.
(OR)
- b) Explain the different heading tags in HTML.

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Common quarterly Examination - 2024
XI Computer Applications.

Part - I

- I
1. C) RAM
 2. C) 876
 3. C) Pentium III
 4. C) cache memory
 5. a) my documents c) msdos
 6. b) Edit a) my document
 7. b) Edit
 8. d) alphabet
 9. d) \$
 10. b) Navigator
 11. a) Normal
 12. b) I CAN N
 13. b) 2
 14. b) Attribute
 15. a) <html>

Part - II

- II
16. * Arithmetic and Logic Unit * Control unit * memory unit.
 - 2 marks
 17. 1. clock speed 2. Instruction Set 3. word size.
 - 2 marks.
 18. GUI is a window based system with a pointing device to direct I/O, choose from menus, make selections and a keyboard to enter text. Its vibrant colours attract to use very easily.
 - 2 marks.
 19. The icons which are available on desktop by default while installing windows OS are called Standard Icons.
 - 2 marks.

- 20) 1. select the cells to merge
2. right click and choose cell → merge or choose table → merge cells from the menu bar

- 2 marks

21. Cell pointer is a rectangle box which can be moved around the worksheet.

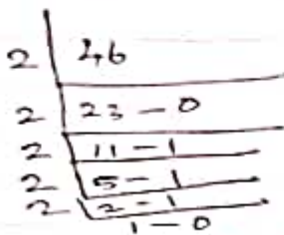
- 2 marks

22. A Template is a predefined design of a presentation on a particular topic. This is created for a new presentation. - 2 marks

23. * Protocol * subdomain * domain * TLD (Top Level domain)

- 2 marks

24.



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

Part - II

25. * Artificial Neural N/w * Natural Language Processing
* Wide Area N/w * AI.

NLP is a component of AI. It provides the ability to develop the computer program understand human language.

- 3 marks

26. * There are only two digits ⁱⁿ Binary system, namely 0 and 1
* Base 2
* Left most bit in the binary no is called as most significant bit
* Right most bit in the binary is called as least significant bit.

- 3 marks

27. * 8 bit micro processor * 16 bit micro processor * 32 bit micro processor * 64 bit micro processor. - 3 marks.

TNPSC

28)
3/1/2)

* It is used in computers and laptops that allow same data and applications to be accessed by multiple users at the same time.

* The users can also communicate with each other.

(Example) windows, Linux and Unix.

- 3 marks

29)

* Recycle Bin is a special folder to keep the files or folders deleted by user, which means you still have a chance of possibility to recover them.

- 3 marks

30)

1. Portrait \rightarrow height $>$ width (Example: books, newspapers)
2. Landscape \rightarrow (Invitations, albums) Professional ppt

- 3 marks

31)

Backspace key

* Backspace key is used to delete the character left of the insertion point of the cell.

Delete key

Delete key is used to delete the character right of insertion pointer of the cell.

- 3 marks

32)

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

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

* There are two ways to place a slide design area of the normal view. Clicking the slide thumbnail in the Slides pane using the Navigator.

- 3 marks

33)

(i) Background Colour: $\text{bgColor} = \text{color}$

(ii) Body text colour: $\text{text} = \text{color}$

(iii) Background image: $\text{background} = \text{image}$

(iv) Getting margins: $\text{margin} = \text{value}$

- 3 marks

Past - IV

IV 2010

- 1st Generation - 1940 - 1956 (Vacuum Tubes)
- 2nd " - 1956 - 1964 (Transistors)
- 3rd " - 1964 - 1971 (IC)

- 4th Generation - 1971 - 1980 (Microprocessors)
- 5th Generation - 1980 - (Present)
- 6th Generation - In future (AI)

Explain marks & answers

b) i)
$$\begin{array}{r} 1101010 \\ 101101 \\ \hline 1001011 \end{array}$$

ii)
$$\begin{array}{r} 01011 \\ 111010 \\ \hline 0110001 \end{array}$$

- 35) a) ROM - Read only memory
 PROM - Programmable Read only memory
 EPROM - Erasable " " " "
 EEPROM - Electrically " " " "

36) b) FIFO Round Robin
 SJF

Windows	Version	Year	Windows	Version	Year
1	X	1985	Windows	me	2000
2	2	1987	2	2000	2000
3	3	1992	XP	2001	
4	95	1995	Vista	2006	
5	98	1998	7	2009	
6	NT				

37) b) HINTS Headers - Top margin }
 Footers - Bottom margin }
 With Explanation } 3 marks
 With Explanation }
 Page numbers : Insert -> Fields -> Page Number
 Exception - 2 marks

37) a) Write the steps
 Professional Graphic Design Speed, quick customization
 Branding Consistency }
 With Explanation } 5 marks

38) a) Explain any 5 headings:
 Mobile } DSL } Satellite } Broadband } Dongles/
 Hotspots } Cable } wireless } ISDN } Data Card
 b) Heading Tags Explanation - 2 marks
 Syntax - 1 mark
 Example - 2 marks

By
 PRABHAKAR M.C.A., B-Ed
 PPT Computer Science Teacher
 Tenkasi Dist. -
 8122402438