

Ts11CA

Tenkasi District Common Examinations
Common Half Yearly Examination - December 2022**Standard - 11**
COMPUTER APPLICATION

Time Allowed: 3.00 Hours

Maximum Marks: 70

PART - I

Choose the correct answer.

15×1=15

1. Name the volatile memory.
a) ROM
b) PROM
c) RAM
d) EPROM
2. How many bytes does 1 kilobyte contain?
a) 1000
b) 8
c) 4
d) 1024
3. Which is the fastest memory?
a) Hard disk
b) Main memory
c) Cache memory
d) Blue-Ray disc
4. An example for single task operating system is
a) Linux
b) Windows
c) MS-DOS
d) Unix
5. Which is displayed at the top part of the window?
a) Menu bar
b) Tool bar
c) Title bar
d) Format bar
6. Identify the default view in impress
a) Normal
b) Outline
c) Handout
d) Slide sorter
7. How many types of filters available in open office calc
a) 3
b) 2
c) 4
d) 5
8. Range of Campus Network is
a) 10 KM
b) 5 KM
c) 25 KM
d) 20 KM
9. How many levels of heading tags available in HTML?
a) 6
b) 4
c) 8
d) 3
10. Pick odd one from the list
a) <tr>
b) <th>
c) <dh>
d) <td>
11. Which image format was standardized by W3C?
a) JPEG
b) SVG
c) GIF
d) PNG
12. The extension of CSS file is
a) .ssc
b) .css
c) .csc
d) .htm
13. How many attributes specifies that <script> tag in the scripting
a) 2
b) 3
c) 4
d) 5
14. Which of the following is not a looping statement?
a) Switch
b) While
c) Do-while
d) For
15. Which of the following is not a malicious program on computer systems?
a) Worms
b) Trojans
c) Spyware
d) Cookies

PART - II**6×2=12**

16. What are the components of a CPU?
17. Convert $(46)_{10}$ into Binary number.
18. What are the parameters which influence the characteristics of a Microprocessor?

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19. What is GUI?
 20. What are called Standard icons?
 21. What are the different packages in openoffice writer?
 22. What is a cell pointer?
 23. What is the difference between a slide and a slide show?

PART - III**6×3=18**

24. Write the applications of computer.
 25. What is radix of a number system? Give example.
 26. Write a note on Multiprocessing.
 27. What is a Normal view? Explain.
 28. What are the attributes available in <html> tags?
 29. Write a note on tag attributes.
 30. What are the advantages of using CSS?
 31. Write about <script> tag.

PART - IV**5×5=25**

32. a) Discuss the various generations of computers.
 (OR)
 b) Explain the characteristics of a microprocessor.
 33. a) Explain the process management algorithms in operating system.
 (OR)
 b) Explain the versions of windows operating system.
 34. a) Explain Page formatting in writer.
 (OR)
 b) Explain about changing the Column width in calc.
 (OR)
 35. a) Explain the different types of network.
 (OR)
 b) Explain the attributes used with <table> tag in HTML.
 36. a) Explain about the Arithmetic operator with suitable example.
 (OR)
 b) Write the different types of cyber attacks.

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Half yearly Examination - 2022

Computer Applications - Answer Key

PART-I

1. C) RAM
2. d) 1024
3. C) Cache memory.
4. C) MS-DOS
5. C) Title bar
6. a) Normal
7. a) 3 - Auto, Standard, Advanced filter
8. b) 5 km
9. a) 6
10. c) dh
11. b) SVG
12. b) CSS
13. a) 2
14. a) Switch
15. d) Cookies.

PART-II

16. 1. Arithmetic Logic unit 2. Control unit 3. Memory unit.
- 2 marks

17.

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

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

- 2 marks

$$\begin{array}{cccccc} 32 & 16 & 8 & 4 & 2 & 1 \\ 1 & 0 & 1 & 1 & 1 & 0 \end{array}$$

18. 1. Clock speed 2. Instruction set 3. Word size
- 2 marks

19. Graphical user interface 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 the user very easily.
- 2 marks

20. The icons which are available on desktop by default while installing windows OS are called Standard Icons.

- 2 marks

21. 1. Open office writer 2. Open office Calc
3. Open office Base 4. Open office Impress
5. Open office Draw 6. Open office Formula
(Any 4) $4 \times \frac{1}{2} = 2$

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

- 2 marks

23. Slide:

* A slide is an editable format that contains different elements. - 1 marks

Slide Show

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

- 1 marks

PART-III

24. Education, research, travel & tourism, weather forecasting, social networking, e-commerce etc
(or) ^{write} any 6 applications

$6 \times \frac{1}{2} = 3$ marks

25. Each number system is uniquely identified by its base value or Radix. Radix or base is the count of number of digits in each number system. - 2 marks

Example: $()_{10}$, $()_2$, $()_8$, $()_{16}$ - 1 marks

26. * It has two or more processors for a single running process

* Processing takes place in parallel is known as Parallel processing

- 3 marks

27. * 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.

* 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 the Navigator.

28. <html> tag has two attributes dir and lang to specify the text direction and language setting respectively. - 3 marks
- 1 mark
- 2 marks

29. Face attribute - It is used to set different font style
Size >> - It is used to set size of the text
Color >> - >>>>>> the color of the text
- 3 marks

30. 1. Maintainability 2. Reusability 3. Easy to understand
& Explanation
- 3 marks

31. The <script> tag alerts the browser program to start interpreting all the text between the tag as a script command. - 2 marks
Two attributes 1. Language 2. Type - 1 mark

PART-IV

32) a) First Generation - 1940-1956 - Va. C. Tubes - Machine language used
Second >> - 1956-1964 - Transistors - Assembly >>>
Third >> - 1964-1971 - IC - High level >>>
Fourth >> - 1971-1980 - Microprocessor (VLSI) - IBM, Apple, Portable computer
Fifth >> - 1980-till date (VLSI) - AI
Sixth >> - In future Robotics.
- 5 marks

b) 1. Clockspeed 2. Instructions set 3. word size - 2 marks
Explanation: 3 marks

33. a) i) FIFO - First In First out scheduling
 ii) Round Robin scheduling
 b) SJF - Shortest Job first - 1 mark
 Explanation - 4 marks

b) versions, year, specific features
 write any 5 versions with explanation - 5 marks

34) a) ^{changing default} page size, changing page margins, orientation / ^{page layout} _{width, height} ^{Portrait} _{more width}
^{borderless} _{width, height} ^{width, height} _{more width}
 * Explain the following topics - 5 marks

b) Resize a column using mouse, Resize one or more columns - 5 marks

35) a) LAN, MAN, WAN, Network topology - 5 marks

b) <table> tag attributes
 cell spacing Border color
 cell padding align
 border border
 height/width

Explanation - ~~any~~ any 5 explanation

36) a) + - Addition, - Subtraction, * multiplication / division, % modulus operator - 5 marks

b) Malware ~~trojan~~ ~~harvesting~~
 Spam worms ~~trojan horse~~
 Virus
 Spyware
 Ransomware
 Explanation - 5 marks

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