

V11CA

Tenkasi District Common Examinations
Common Quarterly Examination - September 2022



Standard - 11

COMPUTER APPLICATION

Time Allowed: 3.00 Hours

Maximum Marks: 70

PART - A

Choose the correct answer:

10×1=10

- 1) _____ is used to feed any form of data to the computer?
a) Output unit b) Control unit c) Input unit d) Memory unit
- 2) Identify the output device.
a) Laser printers b) Speaker
c) Both d) None of the above
- 3) 2^{50} is referred as _____.
a) Tera b) Peta c) Kilo d) Mega
- 4) Which is the fastest memory?
a) Hard disk b) Cache memory c) Main memory d) Blue ray disc
- 5) An example for single task operating system is
a) Linux b) Windows c) MS-DOS d) Unix
- 6) Software is classified into _____ types.
a) 1 b) 2 c) 3 d) 4
- 7) The shortcut key used to rename a file in windows _____.
a) F1 b) F2 c) F3 d) F4
- 8) Shortcut key for finding and replacing text in a document
a) Ctrl+F1 b) Ctrl+F4 c) Ctrl+F\$ d) Ctrl+F7
- 9) A formula in clac may be begin with
a) = b) + c) - d) *All the above*
- 10) Extension of Impress presentation _____.
a) .odp b) .ppt c) .odb d) .ood
- 11) The shortcut key used to view the slide show?
a) F6 b) F9 or F5 c) F11 d) F10
- 12) The internet id governed by
a) ICANM b) ICANN c) ICMA d) ICNNA
- 13) A _____ is collection of web page.
a) Website b) Web c) Internet d) File
- 14) HTML tags should be specified with in _____.
a) [] b) () c) {} d) <>
- 15) The tag used to insert a line break
a) <hi> b)
 c) <html> d) <p>

PART - B

Answer ANY 6 questions. Q.No. 24 is compulsory:

6×2=12

- 16) What are the components of a CPU?
- 17) What is program counter?
- 18) What is multiprocessing?
- 19) What are called standard icons?

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- 20) Write the general syntax of constructing a formula in a calc.
- 21) What do you understand by a presentation?
- 22) Name the two important protocols for internet.
- 23) What are the components of URL addressing?
- 24) Convert $(11010110)_2$ into Octal equivalent number.

PART - C**Answer ANY 6 questions. Q.No. 33 is compulsory:****6×3=18**

- 25) Name any three input devices.
- 26) Classify the microprocessor based on the size of the data.
- 27) List out the key features of Operating System.
- 28) Write the two ways to create a new folder.
- 29) What are the different ways to save a document?
- 30) What is a normal view?
- 31) What are the advantages of E-Mail?
- 32) What are the attributes available in <html> tags?
- 33) In cell A1 = 34, A2 = 65, A3 = 39. Write the formula to find the average.

PART - D**Answer ALL questions:****5×5=25**

- 34) a) Discuss the various generations of computer. (OR)
b) Explain the types of ROM.
- 35) a) Explain the process management algorithms in Operating System. (OR)
b) Explain the versions of Windows OS.
- 36) a) Write the steps to find and replace a word with another word in open office writer. (OR)
b) Write the steps to generate the following series 5, 10, 20, 2560.
- 37) a) List some advantages of using templates. (OR)
b) Explain any five types of internet services.
- 38) a) Write the basic structure of HTML program. (OR)
b) i) Find 1's complement for $(-24)_{10}$.
ii) Perform the binary addition for the following: $23_{10} + 12_{10}$

By,

E.RAJKUMAR M.C.A.,
B.Ed
P.G Assistant in Computer
Science
Tenkasi district

SPB

DATE: _____

Quarterly Examination - 2022

XI Computer Applications - Answer Key
(Tenkasi District/Virudhunagar District)

PART-A

1. C) Input unit
2. C) Both
3. b) pet a
4. b) cache memory
5. C) MS-DOS
6. b) 2
7. b) 4
8. C) Ctrl+F
9. d) All the above
10. a) .od P
11. b) F9 or F5
12. b) I CANN
13. a) website
14. d) < >
15. b) < br >

PART-B

- 16)
 1. Arithmetic unit
 2. Logic unit
 3. Memory unit

2 marks
- 17) The Program Counter (PC) is a special register in the CPU which always keeps the address of the next instruction to be executed.

2 marks
- 18) * This is a one of the features of Operating



System

* It has two or more processors for a single running process (job)

* Processing ^(OR) takes place in parallel is known as Parallel processing

* This feature is used for high speed execution which increases the power of computing. (- 2 Marks)

19) The icons which are available on desktop by default while installing windows are called Standard Icons

- 2 Marks

20) = cell reference 1 <operator> cell reference 2 (operator)...

- 2 Marks

21) A presentation software is a computer software package used to show information in the form of slide show.

- 2 Marks

22) Transmission Control Protocol (TCP)
Internet Protocol (IP)

- 1 Mark

- 1 Mark

23) 1. protocol
2. Subdomain
3. domain (name)
4. TLD (Top level domain)
(OR)

$4 \times \frac{1}{2} = 2$

http://www.google.com

Protocol Subdomain domain Top level domain
(Name) (TLD)
Cryptography Transfer

24. 011010110
 3 2 6
 $(011010110)_2 = (326)_8$
 — 2 Marks.

8421
 0011
 010
 110
 326
 011010110.

PART-C

25. 1. keyboard 3. Track ball 5. Light Pen
 2. Mouse 4. scanner
 (OR) Any 3 Input devices — 3 Marks

26. 8 bit microprocessor
 16 bit "
 32 bit "
 64 bit "
 — 3 Marks

27. • User Interface (UI)
 • Memory Management
 • Process Management
 • Security Management
 • Fault Tolerance
 • File Management
 — $6 \times \frac{1}{2} = 3$ Marks

28. Method-I
 1. Open Computer Icon
 2. Open any drive where you want to create a new F
 3. Click on File $\rightarrow$ New $\rightarrow$ Folder
 4. A new Folder is created with default name "New
 5. Type in the Folder name and press Enter key
 Method-II
 — $1 \frac{1}{2}$ Marks

1- In the Desk top. Right click $\rightarrow$ New $\rightarrow$ Folder

2- A folder appears with the default name "New folder" and it will be high lighted.

3. Type the name you want and press Enter key

4. The name of the folder will change
— 11/2 marks

29. File → save

File → save as (or) (Ctrl+Shift+S)

Ctrl+S.

Save icon

All document in open office writer will be stored .odt Extension.

— 3 marks.

30) * It is the main view for creating individual slides.

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

* clicking ^{ing} the slide thumbnail in the slide pane or using the navigator

— 3 marks

31) * Free delivery

* Global delivery

* Instant delivery

* File attachment

* Environmentally friendly

* Long term storage

DATE:

35.

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

33) $\text{AVERAGE (A1:A3)} = 62.7\%$ — 3 marks

PART-D.

4) a)	First generation - 1940-1956	Vacuum Tubes	Machine language used
2nd "	1956-1964	Transistors	Assembly "
3rd "	1964-1971	IC	High level "
4th "	1971-1980	Microprocessor (VLSI)	IBM, Apple Portable computers
5th "	1980-till date	ULSI	Artificial Intelligence (AI)
6th "	In future	Robotics	Robotics

— 2 marks

Explain the generations — 3 marks

b)

ROM - Read only Memory

PROM - Programmable Read only memory

EPROM - Erasable "

EEPROM - Electrically " "

Explain the above types of ROM

— 5 marks

3

35) a)

FIFO

— First In First out

SJF

— Shortest Job First

Round Robin

Based on priority -

Explain with examples

— 5 marks

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- b)
- Windows 1.x - 1985 - Mouse was introduced
 - Windows 2.x - 1987 - Control Panel feature
 - Windows 3.x - 1992 - Multitasking
 - Windows 95 - 1995 - Start button, task bar introduced
 - » 98 - 1998 - web browser
 - » NT - servers network
 - » Me - 2000 - Four versions
 - » XP - 2001 - 64 bit processor
 - » Vista - 2006 - look and feel
 - » 7 - 2009 - Booting time was improve
 - » 8 - 2012 - Start button removed
 - » 10 - 2015 - start button added again

- Explain detail [5 Marks]

- 36) a)
1. Type the text you want to find in the search for box
 2. To replace the text with different text type the new text in the Replace with box
 3. To replace text click Replace button
 4. Click Find All
 5. Click Replace All
 6. Enable Match Case
 7. » Whole words only
- Explain in detail - 5 Marks

b) Edit → Fill

Start value 5

End value 2560

Increment 2

Explain in detail

- 5 Marks

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72 a) Professional Graphic design
Speed
Branding
Quick Customization
Consistency.
- Explain the following headings.
- 5 Marks

b) Wireless
Mobile
Hotspots
Broad band
DSL
Cable
Satellite
ISDN
Dongles / Datacard
Explain any 5 headings - 5 marks.

38) a) $\langle \text{html} \rangle \dots \langle / \text{html} \rangle$
 $\langle \text{head} \rangle \dots \langle / \text{head} \rangle$
 $\langle \text{title} \rangle \dots \langle / \text{title} \rangle$
 $\langle \text{body} \rangle \dots \langle / \text{body} \rangle$
 Explain with example.
 - 5 marks

bli Find 1's complement for $(-24)_{10}$

Given Number	Binary Number	1's Compliment
$(-24)_{10}$	00011000	11100111

ii

Step 1. Convert 23 and 12 into binary form

23_{10}					
2's power	16	8	4	2	1
Binary Number	1	0	1	1	1
$23_{10} = 00010111_2$					

12_{10}				
2's power	8	4	2	1
Binary Number	1	1	0	0
$12_{10} = 00001100_2$				

Step 2: Binary addition of 23 and 12:

Carry Bit →			1	1	1		
$23_{10} = 0$	0	0	1	0	1	1	1
$12_{10} = 0$	0	0	0	1	1	0	0
$35_{10} = 0$	0	1	0	0	0	1	1

By,

E.RAJKUMAR M.C.A.,
B.Ed
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Science
Tenkasi district