



SUMMATIVE ASSIGNMENT – I [2022-23]

Grade – IV

Sub- COMPUTER

Syllabus – CH- 1 , 2, 3, 4 ,5 (From Textbook)

A) Choose the correct options in the following questions: -

1. Which was the first mechanical calculating device?

- a. Napier Bones b. Pascal Adding Machine c. Abacus

2. In which of the following was the concept of punched cards used?

- a. Pascaline b. Napier's bones c. Jacquard Loom

3. Which of the following was invented by Babbage?

- a. Loom b. Analytical Engine c. Mark 1

4. Which of the following was the first electronic computer?

- a. Mark I b. UNIVAC c. ENIAC

5. In which year was the first UNIVAC computer delivered to US Census Bureau?

- a. 1944 b. 1946 c. 1951

6. Which of the following is NOT an input device?

- a. touchpad b. projector c. MICR

7. What does OCR stand for _____ ?

- a. Optical Character Recognition
b. Oriented Character Recognition
c. Jacquard Loom

8. A plotter prints on paper by using _____ ?

- a. a stylus b. pencils c. pens

9. Which of the following is an output device?

- a. projector b. laser printer c. both a and b

10. 1024 bytes = _____

a. 1 MB

b. 1 GB

c. 1 KB

11. Which of the following is an optical storage media?

a. hard disk

b. CD

c. picture

12. Which of the following stores high-definition videos?

a. CD

b. DVD

c. Mark 1

13. The CPU directly retrieves information or data from the _____ ?

a. hard disk

b. Copy

c. RAM

14. Which of the following is a secondary storage device?

a. ROM

b. cache

c. hard disk

15. Windows is the product of _____ ?

a. Infosys

b. Intel

c. Microsoft

16. Which of the following is the latest version of windows?

a. Windows 7

b. Windows 8

c. Windows 10

17. Which does GUL stand for?

a. Graphic unique interface

b. Graphical user interface

c. General user interface

18. Which of the following is an extension of Microsoft Word document?

a. .dod

b. .docx

c. .dob

19. A vertical blinking line in a word document is called ?

a. pointer

b. Indicator

c. cursor

20. Which of the following is present to cancel the last action?

a. Ctrl + X

b. Ctrl + Z

c. Ctrl + Y

B) Write T for (True) and F for (False): -

1. Calculations are done on an abacus by sliding breads across the rods.

T

2. Pascaline is known as the first gear - driven calculator. T
3. Mark 1 was developed for Army Ordnance to computer World War II ballistic firing tables. F
4. RAM is faster than secondary storage devices. T
5. Bits and bytes are units of computer memory. T
6. A portable hard disk is generally used for taking back-up F
7. The instructions that are written into ROM cannot be altered. T
8. An operating system is a system software. T
9. The desktop is the main screen of the computer. T
10. The start button allows to access the start menu. T
11. Linux is an application program. F
12. Saving a document is required if you want to use it in future. T

C) Match the columns: -

Column A

1. 1 MB
2. Pen drive
3. ROM
4. Operating system
5. Hard disk
6. Scroll Bar
7. Ctrl + C:
8. Analytical Engine

Column B

- a. Magnetic secondary storage **5**
- b. 1024 KB **1**
- c. Secondary memory **2**
- d. Primary memory **3**
- e. Loaded into the main memory **4**
- f To copy selected text **7**
- g. 1837 **8**
- h. Hidden area of the document **6**

D) Fill in the blanks: -

dials	large	arithmetic	IPO	small	Picture	biometric
1024 MB	primary	bit	icon	Italic	cut	

1. Early means were helpful to count **small** numbers only.
2. An abacus could count **large** numbers and perform arithmetic calculations.
3. In Pascaline, **dials** were moved clockwise to enter numbers for calculations.
4. The Analytical Engine was based upon the concept of **IPO**.
5. OCR does not treat the text as **picture**.
6. A **biometric** device uses fingerprint, facing scans or voice recognitions to identify users.
7. The **primary** memory comprises of RAM and ROM.
8. One GB is equal to **1024 MB**.
9. Individually, a binary number is known as **bit**.
10. An **icon** represents a file, folder or an application on the desktop.
11. The keyboard shortcut Ctrl + X is used to **cut** the selected text.
12. The **italic** button gives a tilted effect to the text.

QE) Explain the following terms: -

1. **Wallpaper** - A background picture of the desktop.
2. **Cursor** - A vertical blinking line.
3. **Vacuum tubes** - An electronic component
4. **Barcode** - A code in the form of a pattern of parallel lines of varying widths.
5. **Bit** - The smallest amount of data.
6. **Volatile memory** - It requires power to maintain the stored information.
7. **Magnetic storage media** - It uses magnetic material to store data.
8. **Icon:** - A small picture on the desktop that represents a file, folder or a program.

QF) Short answer the following questions: -

Q1) What is abacus?

Ans: - **Abacus is the first mechanical device .**

Q2) What does IPO stand for?

Ans: - **IPO stands for Input – Process – Output cycle .**

Q3) In which year was Pascaline developed?

Ans: - **1642.**

Q4) When was the recent version of windows was developed?

Ans: - Windows 10 (released in 2015)

Q5). What are the full forms of GUI?

Ans: - Graphical User Interface.

Q6). Give names of any two input devices?

Ans: - Mouse, Keyboard .

Q7) Give names of any two output devices?

Ans: - Monitor, Printer

Q8) List names of any two non- impact devices?

Ans: - Inkjet, Laser

Q9) Write names of any two-word processors.

Ans: - Microsoft Word , Open Office Writer

Q10) Which method is used to move the text in a document?

Ans: - . i. 'Cut and Paste' ii. 'Copy and Paste'

QG) Write the long answer the following questions: -

Q 1) Describe punched card?

Ans:- A punched card was a piece of paper that could store information for during calculations.

Q2) What are impact printers?

Ans:- An impact printer makes contact with the paper. It usually forms the print image by pressing an inked ribbon against the paper using a hammer or pins.

Q3) Describe cache memory.

Ans: - Cache memory is an extremely fast memory type that acts as a buffer between RAM and the CPU.

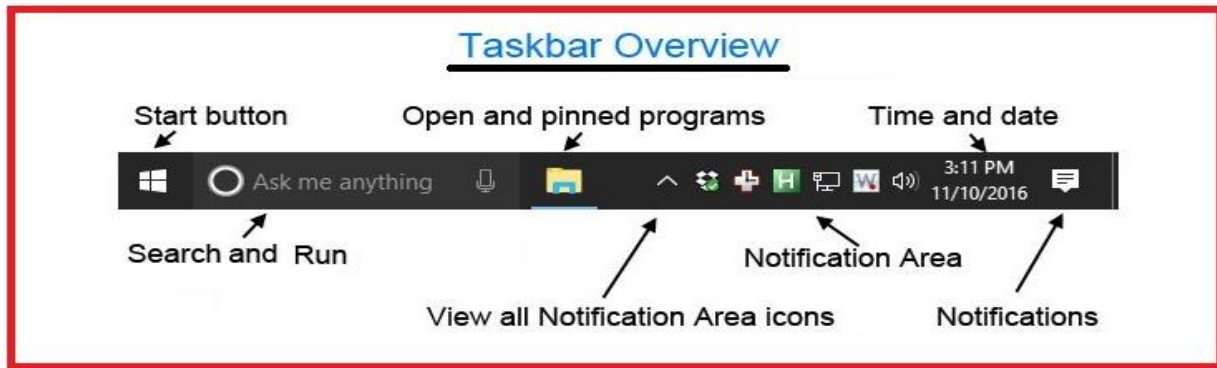
Q4) Define booting?

Ans:- The process of loading the OS into computer's main memory when a computer is switched on, is called booting.

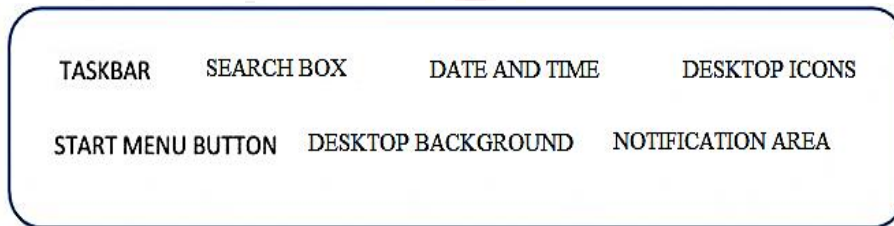
Q5) What is clipboard?

Ans:- The clipboard is a section of RAM where your computer stores copied data.

QH) Label the components of Windows Taskbar: -



➤ Label the components of Windows 10 Desktop: -



The Windows 10 Desktop

