Brain Teasers

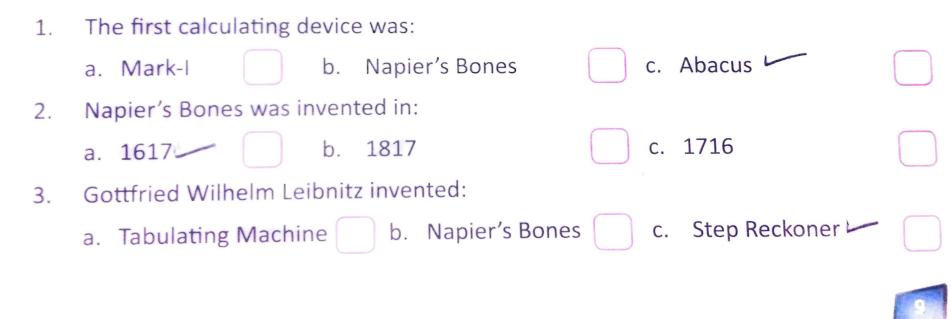**A. Fill in the blanks:**

1. A computer is a _____ counting machine.

2. _Abacus_ was invented by the Chinese in the second century BC.

3. Napier's Bones were invented by _John Napier_

4. Pascaline was made up of a rectangular box with eight movable _Wheels_

5. _Leibnitz Calculator_ was the first calculator that could perform all four arithmetic operations.
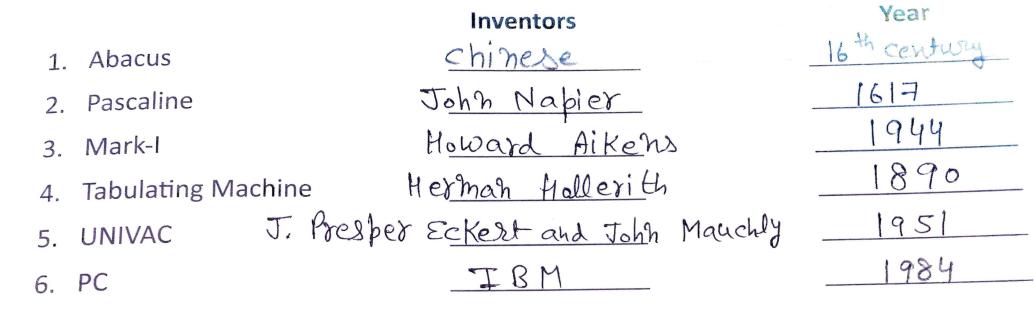
B. Tick [✓] the correct answer:

1. The first calculating device was:

   a. Mark-I ☐   b. Napier's Bones ☐   c. Abacus ✓ ☐

2. Napier's Bones was invented in:

   a. 1617 ✓ ☐   b. 1817 ☐   c. 1716 ☐

3. Gottfried Wilhelm Leibnitz invented:

   a. Tabulating Machine ☐   b. Napier's Bones ☐   c. Step Reckoner ✓ ☐

4. Tabulating Machine was invented by:

    a. Charles Babbage ☐   b. Herman Hollerith ☑   c. John P. Eckert ☐

5. The device which was the first computer in real sense was:

    a. Mark-I ✔ ☐   b. IBM ☐   c. Pascaline ☐

6. The first ENIAC computer was developed by:

    a. John Mauchly ✔ ☐   b. Jean Bartik ☐   c. Howard Aikens ☐

C. Answer the following:

a. Very short answers:

1. Name any two devices which the early man used to count with.

   Abacus, Napier's Bones

2. Who described the knowledge and use of abacus in India?

   Abhidharmakosa

3. Who invented Pascaline and when? — 6

   Blaise Pascal invented Pascaline in 1642

4. Name the two machines invented by Charles Babbage. — 9

   (i) Difference Engine   (ii) Analytical Engine

5. Which machine was used to read census information? — 9

   Tabulating Machine

6. Which machine is considered to be "the beginning era of computers"?

   Mark - I

b. Short answers:

1. Write any two features of Abacus.

   (i) Abacus was the first Calculating device. (ii) Abacus was used for Simple Calculation.

2. For what purpose were Napier's Bones used?

   Napier's Bones used for multiplication and division of numbers.

3. Why is Charles Babbage called the 'Father of Modern Computers'? _because he invented a machine which had same features of modern computer._

4. Expand ENIAC and UNIVAC. — _Universal Automatic computer_

   ENIAC → Electronic Numerical Integrator and computer

5. What were the two main features of the Tabulating Machine?

   (i) It was based on Punch Cards.
   (ii) It was used in Census.

D. Write the inventors and year of inventions:

	Inventors	Year
1. Abacus	Chinese	16th century
2. Pascaline	John Napier	1617
3. Mark-I	Howard Aikens	1944
4. Tabulating Machine	Herman Hollerith	1890
5. UNIVAC	J. Presper Eckert and John Mauchly	1951
6. PC	IBM	1984

Fun doo...

Complete the crossword using the clues:

Clues:

. It was the first electronic computer.

1. M	2.			