Computers- Past, Present and Future

A. Multiple Choice Questions:-

1. Napier's Bone are _____ rods marked with numbers.
    a) 8
    b) 9
    c) 7
2. Pasculine was invented for-
    a) Addition and Subtraction
    b) Multiplication and Division
    c) All of the above
3. Magnetic tapes were used in-
    a) Third generation computers
    b) First generation computers
    c) Second generation computers
4. The act of machines learning from oceans of data and interacting with humans as well as machines is called-
    a) Evolution of Internet
    b) Internet of Things
    c) Evolution of Humans
5. 7500 MAGNUM is an example of-
    a) Mainframes
    b) Mini computers
    c) Super computers

B. Fill in the blanks:-

1. _____ has been a prime need for domestic purposes and trades.
2. Suanpan in Chinese means _____.
3. _____ is known as the father of modern computing.
4. The field of creating machines with human-like intelligence is called _____.
5. _____ use RAM as primary memory.

C. State whether the following statements are true or false:-

1. John Napier was a Scottish mathematician.
2. Pasculine was the first fully automatic calculating machine.
3. Fourth generation computers used high level languages like C++, Python, etc.
4. First generation computers generate huge amount of heat.
5. Analytical engine is considered the most useful machine in statistical operations.

D. Answer the following questions:-

1. What is Abacus? Why was it invented and by whom?
2. How did IBM come into existence?
3. What is VLSI? Give examples.
4. What is cloud computing? How does it help users?
5. State the key features (any 2) and drawbacks (any 2) of supercomputers and mainframes.