

**St. Mary's School, Dwarka**  
**Practice Worksheet (April-May)**  
**Class: V**  
**Subject: Computer Science**

**Topic: L-1, History and Generations of Computer**

**1. Name the following.**

- a) The device developed by Gottfried Wilhelm von Leibniz. \_\_\_\_\_
- b) It's principle is still used today in water meter, odometer and speedometer. \_\_\_\_\_
- c) This component is used in fourth generation computers. \_\_\_\_\_
- d) He is known as the father of computer. \_\_\_\_\_
- e) The first electro-mechanical computer. \_\_\_\_\_
- f) The first calculating device. \_\_\_\_\_

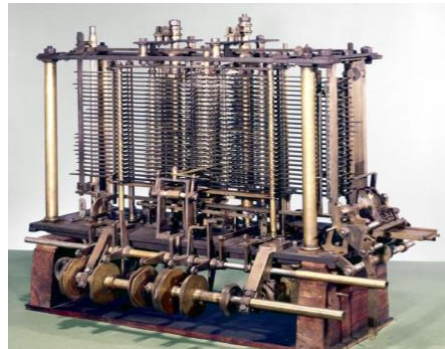
**2. Write 'T' for True and 'F' for false for the following statements.**

- a) Early man used to count with the help of stones, fingers, etc. \_\_\_\_\_
- b) The first generation computers did not produce a lot of heat. \_\_\_\_\_
- c) The third generation of computers used vacuum tubes. \_\_\_\_\_
- d) Artificial Intelligence was used in the Fourth generation of computers. \_\_\_\_\_
- e) ENIAC and UNIVAC were the first electronic computers. \_\_\_\_\_

**3. Name the following machines.**



\_\_\_\_\_



\_\_\_\_\_

**4. Write the full form of the following.**

- a) PC – AT - \_\_\_\_\_
- b) ENIAC - \_\_\_\_\_
- c) UNIVAC - \_\_\_\_\_
- d) IBM - \_\_\_\_\_

**5. Define the following.**

a) Microprocessor - \_\_\_\_\_  
\_\_\_\_\_

b) Census – \_\_\_\_\_

c) Generation – \_\_\_\_\_  
\_\_\_\_\_

**6. Complete the following table.**

Generation	Period	Technology	Example
First			
Second			
Third			
Fourth			
Fifth			

**7. Answer the following.**

a) What were the five key features used by Charles Babbage while making Analytical Engine?  
\_\_\_\_\_  
\_\_\_\_\_

b) Write one advantage and one disadvantage of the Second-generation computer?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_