

CLASS -4

WORKSHEET

Q1. EARLY CALCULATING DEVICES

Ans. Stones, Sticks, Fingers, Pebbles and Cowries.

Q2. Mechanical counting devices

Ans. **Ten fingers, Ten Toes**

ABACUS 3000 BCE, CHINA

NAPIER BONES 1616

ELECTROMECHANICAL DEVICES

PASCALINE	1642	BLAISE PASCAL
LEIBNIZ CALCULATOR	1671	GOTTFRIED WILHELM VON LEIBNIZ
JACQUARD LOOM	1801	JOSEPH MARIE JACQUARD
DIFFERENCE ENGINE	1822	CHARLES BABBAGE
ANALYTICAL ENGINE	1823	CHARLES BABBAGE
BOOLEAN LOGIC	1847	GEORGE BOOLE
ELECTRONIC COUNTING DEVICE	1889	HERMAN HOLLERITH

Q4. MODERN CALCULATING DEVICES OR COMPUTER

THE FIRST DIGITAL ELECTRONIC COMPUTER – ABC	JOHN V. ATANASOFF AND CLIFFORD E. BERRY
Z3	KONRAD ZUSE
HARVARD MARK-I	1944 (BUILT PARTNERSHIP BETWEEN HARVARD & IBM)
ENIVAC AND UNIVAC	MANUFACTURED IN USA.

Q5. FULL FORMS

1. USA	UNITED STATES OF AMERICA
2. IBM	INTERNATIONAL BUSINESS MACHINE
3. ABC	ATANASOFF BERRY COMPUTER
4. ENIAC	ELECTRONIC NUMERICAL INTERGRATOR AND CALCULATOR
5. UNIVAC	UNIVERSAL AUTOMATIC COMPUTER
6. BCE	BEFORE COMMON ERA

Q6. FATHER OF COMPUTER

Ans. Charles Babbage