





- 18.** In half adder XOR gate's output is \_\_\_\_\_
- A. Carry **B. Sum**
- C. Remainder D. None of these
- 19.** In half adder AND gate's output is \_\_\_\_\_
- A. Carry** B. Sum
- C. Remainder D. None of these
- 20.** The Full Adder adds \_\_\_\_\_ digits at a time.
- A. 1 B. 2
- C. 3** D. 4

- ## Unit – 1 Long Questions

- ## Unit – 2



- 13.** A register that is used to store binary information is called \_\_\_\_\_
- A. Data Register                                      **B. Binary Register**
- C. Shift Register                                      D. None of these
- 14.** A register capable of shifting its binary information either to the right or the left is called a \_\_\_\_\_.
- A. Parallel Register                                  B. Serial Register
- C. Shift Register**                                      D. Storage Register
- 15.** Generally, \_\_\_\_\_ is used to construct shift registers.
- A. D Flip-Flop**                                      B. Half Adder
- C. Full Adder    D. RS Flip-Flop
- 16.** The number of Flip-Flops required to construct 8-bit shift register will be \_\_\_\_\_.
- A. 4    **B. 8**
- C. 16    D. 32

## Unit – 2 Long Questions