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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Electrical

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| **Across**  **2.** A MOSFET has a high input \_\_\_\_\_\_\_\_  **4.** If the transformer regulation is positive,\_\_\_\_\_\_ load is connected to transformer.  **10.** At absolute zero temperature ,the \_\_\_\_\_\_\_ behave as perfect insulator.  **11.** Half wave rectifier has efficiency of \_\_\_\_\_\_\_ percentage.  **13.** The frequency range of 300kHz to 3000kHz is known as \_\_\_\_\_\_ frequency.  **15.** A \_\_\_\_\_\_\_is bistable logic circuit  **18.** The generation of a.c. is according to \_\_\_\_\_\_\_.  **19.** A material with highest value of resistivity is the best \_\_\_\_\_\_  **20.** The purpose of parallel circuit resonance to magnify | **Down**  **1.** The most commonly used semiconductor material is  **3.** A integrator using op amp is known as\_\_\_\_\_\_\_.  **5.** In the \_\_\_\_\_\_mode of operation ,IC 555 work as an oscillator  **6.** The number of interrupt line in 8085 is  **7.** The product of apparent power and cosine of angle between circuit voltage and current is\_\_\_\_.  **8.** In electromagnetism resistance analogous to\_\_\_\_.  **9.** The clipper circuit is also known as \_\_\_\_\_\_circuit.  **12.** What is octal equivalent of binary number 10111101  **14.** For a d c supply capacitive reactance is \_\_\_\_\_\_\_.  **16.** The magnetic effect of an electric current is discovered by \_\_\_\_\_\_.  **17.** Alternating quantity are represented by \_\_\_\_\_ |