

Physics 10th Class English Medium Unit 7 Online Test

Sr	Questions	Answers Choice
1	Electronics is the study of principles by means of which we control the:	A. Flow of electrons. B. Nuclear fission C. Fusion reaction D. Radiations
2	Electronics is a branch of:	A. Mass B. Applied Physics C. Mechanics D. Nuclear Physics
3	The output of a NAND gate is 0 when	A. Both of its inputs are 0 B. Both of its inputs are 1 C. any of its inputs is 0 D. any of its inputs is 1
4	If $X = A \cdot B$, then X is 1 when:	A. A and B are 1 B. A or B is 0 C. A is 0 and B is 1 D. A is 1 and B is 0
5	The output of a two input NOR gate is 1 when:	A. A is 1 and B is 0 B. A is 0 and B is 1 C. Both A and B are 0 D. Both A and B are 1
6	AND gate can be formed by using two:	A. NOT gates B. OR gates C. NOR gates D. Nand gates
7	The logical operation performed by this gate is:	A. AND B. NOR C. NAND D. OR
8	The particles emitted from a hot cathode surface are:	A. Positive ions B. Negative ions C. Proton D. Electron
9	The process by which electrons are emitted by a hot metal surface is known as:	A. Boiling B. Evaporation C. Conduction D. Thermionic emission
10	Two switches attached in series work on which operation?	A. AND operation B. OR operation C. NOT operation D. NOR operation
11	Boolean expression for AND operation is:	A. $X = \bar{A}$ B. $X = A + B$ C. $X = A \cdot B$ D. $X = AB$
12	The symbol of AND operation is:	A. + B. - C. . D. *