

Year 10 Electronics Exam Revision List

- 1) Circuit symbols
- 2) IC Configuration (pin numbers inputs etc.)
- 3) Logic Gates and truth tables
- 4) Input Process Output subsystems
- 5) Time delay
- 6) Resistor network (series parallel)
- 7) P.D. (Voltage) and current in series and parallel
- 8) Ohm's law calculations
- 9) Resistor colour code calculations (colour code will be given)
- 10) Sensor systems (Hot, Cold, Light and Dark).
- 11) Comparator system (inverting and non inverting inputs)
- 12) Power Calculations
- 13) Combinational logic
- 14) Boolean expressions
- 15) NAND gate equivalents
- 16) Redundant gate identification
- 17) Bipolar transistor operation and gain calculation
- 18) Voltage Divider calculations
- 19) MOSFET gain