



Answer Four Questions Only

01 JUN 2017

Q1: Complete the following sentences, choosing the correct item:

1. A large vacuum tube used in a radar transmitter is called
a. modulator. b. magnetron. c. timer.
2. is not a part of the radar system.
a. The indicator b. The magnetron c. The modulator d. The memory
b.
3. The consists of cathode and anode.
a. diode. b. triode. c. tetrode
4. The smallest unit of information fed into digital computer is called
a. a bit b. a digit c. a register
b.
5. is not a computer language
a. Fortran b. Esperanto c. Algol

Q2: Complete sentences from group A with the suitable sentences from group B:

Group A
The memory in a computer
In spite of rain
The free electrons leave the conductor
The signals sent out by radar are not reflected
Some metals emit electrons

Group B
unless they strike an object in their way.
when the conductor is heated to a high temperature.
whenever a current flows through a conductor
when argon atoms are ionized
stores the program, data and the computed results.
when visible light falls on them
radar can be used to detect objects.

Q3: Define the following terms:

1. Wattmeter 2. Photoelectric cell 3. Computer 4. Radar 5. Transformer

Q4: Explain the principle operation of the Voltmeter ?

Q5: Write the following numbers: (answer five only)

$5 = 3 + 2$, 1.44 , $100 \div 25 = 4$, 5^f , 1079 , $10.5C^0$