

OBJECTIVE TYPE QUESTIONS

Q2. Give short Answers.

1. Define electronics.

Answer

Electronics is that branch of Physics in which different types of work can be done performed by controlling the flow of electrons.

2. Name two main branches of electronics.

Answer

Two main branches of electronics are:

- Analogue electronics
- Digital electronics

3. What is amplifier?

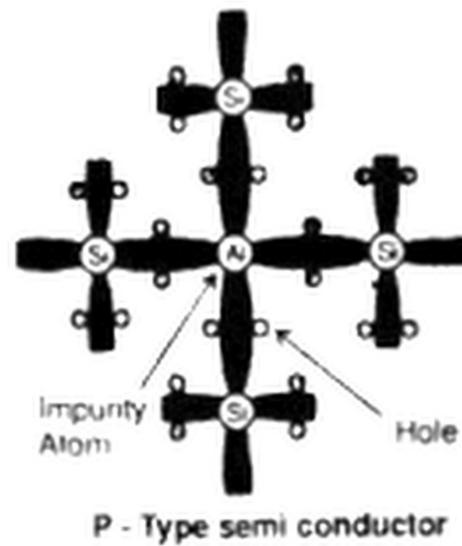
Answer

Amplifier is an analogue circuit. Which amplifies the signal without changing Its shape to such an extent that it can operate a loudspeaker.

4. What is p-type substance?

Answer

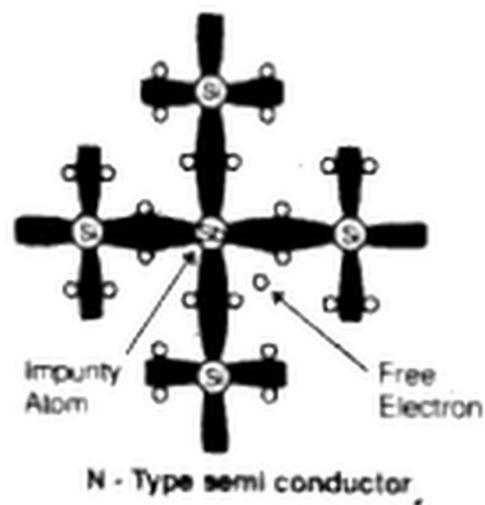
A single crystal of Ge or Si formed after the addition of an Impurity atom of a trivalent substance is called p-type substance



5. What is n—type substance?

Answer

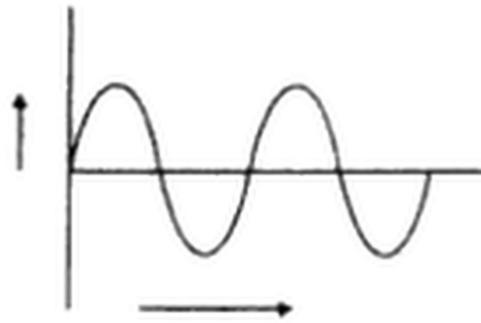
A single crystal of Ge or Si formed after the addition of an impurity atom of a pentavalent substance is called n-type substance. '



6. Define analogue quantities.

Answer

Those quantities, which increase or decrease continuously with time or remain constant are known as analogue quantities.



7. Give some examples of analogue quantities.

Answer

Temperature, time, pressure, distance etc.

8. What is public address system?

Answer

The public address system is an analogue system in which the microphone converts sound into a continuously varying electric potential. This potential is an analogue signal. Which is fed to an amplifier, which is analogue circuit. It amplifies the signal and a loud sound is produced out of the speaker.

