

**TNPSC Group 2 General Science Study Material Pdf Free Download**

**Question: 1**

The electrolyte in a car battery is

- (A) Nitric acid
- (B) Distilled water
- (C) Sulphuric acid
- (D) Hydrochloric acid

Ans: C

Sulphuric acid

**Question: 2**

The frequency band used for radar relay-systems and television is

- (A) UHF
- (B) VLF
- (C) VHF
- (D) EHF

Ans: A

UHF

**Question: 3**

A diode as a rectifier converts

- (A) High voltage into low voltage and vice-versa
- (B) Varying DC into constant dc
- (C) DC to AC
- (D) AC to DC

Ans: D

AC to DC

Question: 4

**Resistivity of semiconductor depends**

- (A) Atomic nature of semiconductor
- (B) Shape and atomic nature of semiconductor
- (C) Shape of semiconductor
- (D) Length of semiconductor

Ans: A

Atomic nature of semiconductor

Question: 5

**A transistor is made of**

- (A) Intrinsic semiconductors
- (B) Doped semiconductors
- (C) A metal piece sandwiched between two intrinsic semiconductors
- (D) None of the above

Ans: B

Doped semiconductors

Question: 6

**All the magnetic materials lose their magnetic properties when**

- (A) Dipped in water
- (B) Dipped in oil
- (C) Brought near a piece of iron
- (D) Strongly heated

Ans: D

Strongly heated

Question: 7

When the radius of the T.G. coil is decreased, its sensitiveness

- (A) Increases
- (B) Decreases
- (C) Remains unaltered
- (D) None of these

Ans: A

Increases

Question: 8

Which one of the following is used in storage batteries?

- (A) Copper
- (B) Zinc
- (C) Lead
- (D) Tin

Ans: C

Lead

Question: 9

Laws of electrolysis is given by

- (A) Maxwell
- (B) Lenz
- (C) Bohar
- (D) Faraday

Ans: D

Faraday

Question: 10

In a hydel station the motion produced in turbines is due to the

- (A) Flow of water
- (B) Production of steam
- (C) Burning of diesel
- (D) Burning of coal

Ans: A

Flow of water

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