ٹیسٹ سے پہلے کم از کم تین بار درود شریف پڑھ لیں۔

Student Name:		**Roll No:**	**Date:** / /
سوچ بدلیں،معاشرہ بدلیں	**Class** 2nd **Year**	**Ch#17**	مثبت سوچیں، خوش رہیں
T- Marks - 40	**Subject: Physics**	**Time: 45 - M**	**Obtained Marks:**

Objective Type

Q#1	**Encircle the Correct Option**	**10X1=10**

1. Number of atoms in domains of microscopic size of teromagnatic substance are.

a	10^4-10^6	**b**	10^6-10^8	**c**	10^{12}-10^{16}	**d**	10^{21}-10^{23}

2. At curie temperature Irion becomes

a	Ferromagnetic	**b**	Diamagnetic	**c**	Paramagnetic	**d**	Super conductor

3. SI unit of stain is .

a	N/m2	**b**	N/m	**c**	Nm	**d**	No unit

4. The most stable material for making permanent magnet is

a	Iron	**b**	steel	**c**	Aluminum	**d**	Cooper

5. A semiconductor behave as insulator when.

a	p.d when applied it	**b**	When its temperature is ok	**c**	Petivalentinpurity is edit	**d**	Trivalent ipurity is add

6. The temperature at which ferromagnetic material becomes paramagnet is called

a	Critical temperature	**b**	Absolute temperature	**c**	Curies temperature	**d**	All of these

7. The ratio of stress is to strain is called.

a	Electricity	**b**	Resistivity	**c**	Conductivity	**d**	Elastic modulus

8. To make and type semiconductor appear si should be doped with items of .

a	Ge	**b**	Bc	**c**	C	**d**	ALS

9. The substance which have partially field conduction bend are called.

a	Insulator	**b**	Semiconductor	**c**	Conductor	**d**	Super conductor

10. The conductivity of material is of the order of

a	10^1(ohm m)$_{-1}$	**b**	10^{10}(ohm m)$_{-1}$	**c**	10^7 (ohm m)$_{-1}$	**d**	10^{15} (ohm m)$_{-1}$

Q # 2	**Short Questions**	**10 x 2 = 20**

1. Describe electrical properties of solids?
2. What is the ductile and brittle substance .give example.
3. What is solid stale physics?
4. What is deformation?
5. What is elasticity?
6. Name the type of stress?
7. Write the uses of superconductor?
8. Define stress?
9. Define strain?
10. Define super conductor?

Q # 3	**Long Questions**	**2 X 5 = 10**

1 Write a note on super conductor?

2 A 10 m long copper wire is objected to stretching force and subjected to stretching force and its length increases by 20 calculate the tensile strain and the percent elongation which wire under goes.