

## SECTION 'A'

### MULTIPLE CHOICE QUESTIONS (M.C.Qs) (Marks: 15)

Q.1 Choose the correct answer for each question from the given options:

1. The unit of capacity of capacitor, is called:  
 ☆ Coulomb ☆ Volt ☆ Ohm ☆ Farad
2. P.C.S.I.R was set up in:  
 ☆ 1952 ☆ 1954 ☆ 1962 ☆ 1964
3. The energy in Dynamite is:  
 ☆ Potential ☆ Kinetic ☆ Mechanical ☆ Electrical
4. An ammeter measures of:  
 ☆ current ☆ voltage ☆ resistance ☆ speed
5. Pakistan Science Foundation was set up in:  
 ☆ 1973 ☆ 1963 ☆ 1975 ☆ 1962
6. The Central Office of Suparco in Pakistan is situated in:  
 ☆ Karachi ☆ Lahore ☆ Islamabad ☆ Peshawar
7. An artificial satellite revolves in the gravitational field of:  
 ☆ The Sun ☆ The Earth  
 ☆ The Mercury ☆ The Venus
8. Solar energy is also known as:  
 ☆ Radiant energy ☆ Thermal energy  
 ☆ Mechanical energy ☆ Chemical energy
9. E.C.G is used for the diagnosis of:  
 ☆ Heart disease ☆ Bones disease  
 ☆ Kidney disease ☆ Skin disease
10. X-Rays was discovered in:  
 ☆ 1859 ☆ 1895 ☆ 1896 ☆ 1869
11. The substance used as medium between two plates of a capacitor, is called:  
 ☆ Electrolytes ☆ Dielectric  
 ☆ Conductor ☆ Semi-conductor
12. When running water moves a turbine, the potential energy of water is changed into:  
 ☆ Kinetic energy ☆ Mechanical energy  
 ☆ Electric energy ☆ Chemical energy
13. The commercial unit of electric energy is:  
 ☆ Ohm ☆ Volt ☆ Farad ☆ Kilo-watt hour
14. Energy is defined as:  
 ☆ Force ☆ Work  
 ☆ Ability to work ☆ Fuel
15. Iodine 131 is used in the treatment of:  
 ☆ Heart disease ☆ Bones disease  
 ☆ Thyroid glands disease ☆ Brain disease