

ATOMIC ENERGY EDUCATION SOCIETY
Distant Learning Programme
Class XI Subject: Physics
Work Sheet of Chapter: Physical World (Module 1/1)

Choose the correct option out of four given options:

1. Origin of the word 'Physics' is from
 - (1) French word 'Fusis'
 - (2) Latin word 'Fusis'
 - (3) Greek word 'Fusis', which means 'Nature'
 - (4) Greek word 'Fusis', which means 'Physical'

2. Main thrust in physics is on
 - (1) Unification
 - (2) Reduction
 - (3) Both (1) & (2)
 - (4) Experiments

3. Which of the following statements is/are correct?
 - (1) Universal law of gravitation is an assumption or hypothesis
 - (2) Universal law of gravitation can be proved
 - (3) Universal law of gravitation can be verified
 - (4) Both (1) & (3)

4. "The most incomprehensible thing about the world is that it is incomprehensible." Who made these remarks?
 - (1) Newton
 - (2) Maxwell
 - (3) Einstein
 - (4) Raman

5. A thought experiment in Physics is one which is
 - (1) Theoretically possible but experimentally not feasible
 - (2) Neither theoretically possible nor experimentally feasible
 - (3) Performed by a non-physicist
 - (4) Performed by a chemist

6. "Classical Physics" deals with
 - (1) Macroscopic phenomena
 - (2) Mesoscopic phenomena
 - (3) Microscopic phenomena
 - (4) Sometimes mesoscopic sometimes microscopic

7. An Indian scientist who won Nobel Prize for Physics is
 - (1) Sir J.C. Bose
 - (2) H.J. Bhaba
 - (3) M.N. Saha
 - (4) Sir. C.V. Raman

8. Who gave quantum model of atom?
 - (1) Rutherford
 - (2) Bohr
 - (3) Newton
 - (4) Faraday

9. The scientific principle involved in radio and TV broadcast is:
 - (1) Superconductivity
 - (2) Propagation of electromagnetic waves
 - (3) Electromagnetic induction
 - (4) Amplification by population inversion

10. Choose the correct statement.
 - (1) Gravitational force is weakest force
 - (2) Electrostatic force is weakest force
 - (3) Nuclear force is weakest force
 - (4) Electromagnetic force is strongest force