



NDA KA SAPNA, AB HOGA APNA

LIGHT NATURE

DPP No. 1

1. LIGHT IS
 - A. MECHANICAL WAVE
 - B. ELECTROMAGNETIC WAVE
 - C. BOTH
 - D. NONE OF THESE
2. ACCORDING TO MORDERN THEORY FOR NATURE OF LIGHT, THE LIGHT HAS
 - A. WAVE NATURE ONLY
 - B. PARTICLE NATURE ONLY
 - C. BOTH WAVE AND PARTICLE NATURE
 - D. NEITHER PARTICLE NOR WAVE NATURE
3. THE WAVELENGTH OF VISIBLE LIGHT ARE BETWEEN
 - A. 3000 μm to 0.4 μm
 - B. 0.4 μm to 0.7 μm
 - C. 0.7 μm to 1000 μm
 - D. 0.1 μm to 30 cm
4. VELOCITY OF LIGHT IS MAXIMUM IN
 - A. DIAMOND
 - B. WATER
 - C. GLASS
 - D. VACUUM
5. WHICH PHENOMENON SHOW THE PARTICLE NATURE OF LIGHT?
 - A. DIFFRACTION
 - B. INTERFERNEC
 - C. PHOTOELECTRIC EFFECT
 - D. POLARISATION
6. AN OBJECT IN WHICH NO LIGHT RAYS CAN PASS THROUGH IS CALLED
 - A. TRANSPARENT
 - B. CONVEX
 - C. OPAQUE
 - D. TRANSLUCENT
7. WHEN LIGHT TRAVELS FROM ONE MEDIUM TO ANOTHER MEDIUM THE QUANTITY REMAINS UNALTERED
 - A. SPEED
 - B. WAVELENGTH
 - C. FREQUENCY
 - D. ALL OF THESE
8. SOLAR ECLIPSE OCCURS WHEN
 - A. SUN COMES BW EARTH AND MOON
 - B. MOON COMES BW EARTH AND SUN
 - C. EARTH COMES BW SUN AND MOON
 - D. NONE OF THESE
9. WHICH ONE OF THE FOLLOWING IS THE BEST REFLECTOR METAL
 - A. GOLD
 - B. SILVER
 - C. ALUMINIUM
 - D. IRON
10. LUNAR ECLIPSE OCCURS WHEN
 - A. SUN COMES BW EARTH AND MOON
 - B. MOON COMES BW EARTH AND SUN
 - C. EARTH COMES BW SUN AND MOON
 - D. NONE OF THESE