



SNS COLLEGE OF ENGINEERING

Kurumbapalayam (Po), Coimbatore – 641 107

AN AUTONOMOUS INSTITUTION

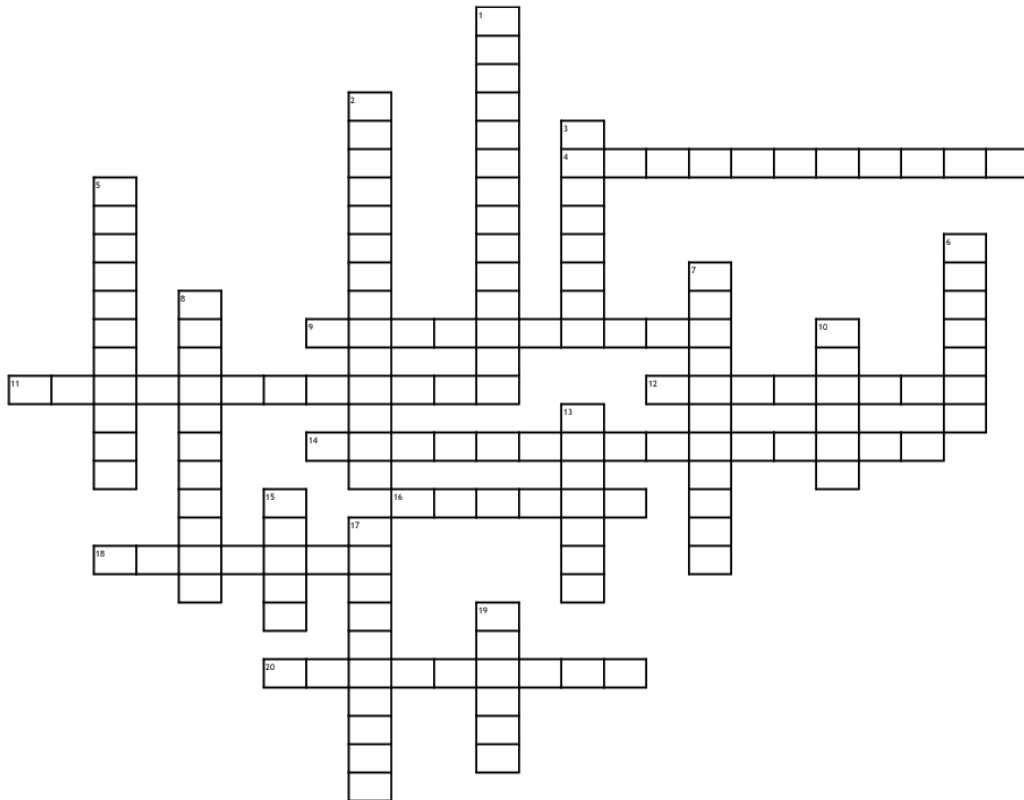


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Unit - 2

Cross Word Puzzle

Light and Optics



Across

1. materials that allow some light to pass through them
2. Light changing direction when contacting a surface is known as
11. electricity traveling through a filament
12. Objects that produce their own light
14. produces light without wasting energy as heat
16. Materials that do not allow any light to pass through it
18. a mirror that curves inwards
20. angle of _____ = angle of reflection

Down

1. energy stored in cells and released later
2. Species that create their own light using a chemical reaction
3. Light travels in _____ lines
5. electricity running through a glass tube filled with gas
6. Rays reflected in a scattered pattern form a _____ reflection
7. Objects that do not produce their own light
8. Materials that allow all light to pass through them
10. a mirror that curves outwards
13. Rays reflected in parallel form a _____ reflection
15. a flat mirror
17. Light traveling at an angle from one medium to another is called
19. Light is a form of

Waves Word Search

DTLOLTODTMTOCOAGADM P
DSCITPOCYUDZLIIRNUVR
NUNENILTCMINTENSITYV
NOETROUGHOPDRRTDYEND
RNCEHOAALNTNEREHOCTG
SSPSTANDINGEIMRHANEN
NCPRGYFNHIPP TOFAIARO
CITENGAMORTCELE RTNEI
YTEVERSNOITAAIRALOPT
ZSPSRDUPODTDOEEORSEA
WUENEEALPIICBLNSDEFZ
AODAVGVGMOTMAGCTAREI
VCURAMGLSNUCIRECEHSR
EATTWRHUTNITEHFQGEPA
LSIEGNTENUSRLUFCSEL
EOLORIRVADTRDEF AIVOO
NAPUSNAHISNGNNFEIDCP
GVMHPWCNOITCARFERCTE
TRAENEASCCYIUUA INN L
HDNUMLEEARNS SMNLNERI

Acoustics
Amplitude
Coherent
Crest
Diffraction
Electromagnetic
Frequency
Hertz
Intensity
Interference

Longitudinal
Mechanical
Medium
Optics
Period
Phase
Polarization
Propagation
Pulse
Reflection

Refraction
Resonance
Sinusoidal
Speed
Standing
Surface
Transverse
Trough
Wavelength
Wavenumber