

Waves

IGCSE Physics • Vocabulary

Write each word 3 times.

English	Write it 3 times (English)		
 wave /weɪv/	_____	_____	_____
 energy /'enədʒi/	_____	_____	_____
 ripple tank /'rɪpl tæŋk/	_____	_____	_____
 wavefront /'weɪvfrʌnt/	_____	_____	_____
 wavelength /'weɪvlɛŋθ/	_____	_____	_____
 frequency /'fri:kwənsi/	_____	_____	_____
 crest /krest/	_____	_____	_____
 peak /pi:k/	_____	_____	_____
 trough /trʌf/	_____	_____	_____
 amplitude /'æmplitju:d/	_____	_____	_____
 wave speed /weɪv spi:d/	_____	_____	_____
 transverse wave /træns'vɜ:s weɪv/	_____	_____	_____
 propagation /,prɒpə'geɪʃn/	_____	_____	_____
 longitudinal wave /,lɒŋgɪ'tju:dɪnl weɪv/	_____	_____	_____
 reflection /rɪ'flekʃn/	_____	_____	_____

English**Write it 3 times** (English)



refraction

/rɪ'frækʃn/



diffraction

/dɪ'frækʃn/



light

/laɪt/



normal

/'nɔːml/



angle of incidence

/'æŋɡl Òv 'ɪnsɪdəns/



angle of reflection

/'æŋɡl Òv rɪ'flekʃn/



plane mirror

/pleɪn 'mɪrə/



angle of refraction

/'æŋɡl Òv rɪ'frækʃn/



ray box

/reɪ bɒks/



refractive index

/rɪ'fræktɪv 'ɪndeks/

total internal
reflection

/'təʊtl ɪn'tɜːnl rɪ'flekʃn/



critical angle

/'krɪtɪkl 'æŋɡl/



optical fibre

/'ɒptɪkl 'faɪbə/



converging lens

/kən'vɜːdʒɪŋ lenz/



principal focus

/'prɪnsɪpl 'fəʊkəs/



principal axis

/'prɪnsɪpl 'æksɪs/



focal length

/'fəʊkl lenθ/

English**Write it 3 times** (English)



diverging lens

/daɪ'vɜːdʒɪŋ lenz/



real image

/rɪəl 'ɪmɪdʒ/



virtual image

/'vɜːtʃuəl 'ɪmɪdʒ/



magnifying glass

/'mægnɪfaɪɪŋ glæs/



enlarged

/en'laːdʒd/



diminished

/dɪ'mɪnɪʃt/



upright

/'ʌpraɪt/



inverted

/ɪn'vɜːtɪd/



short-sightedness

/ʃɔːt 'saɪtɪdnəs/



retina

/'retɪnə/



long-sightedness

/lɒŋ 'saɪtɪdnəs/



prism

/'prɪzəm/



spectrum

/'spektrəm/



dispersion

/dɪ'spɜːʃn/



monochromatic

/,mɒnəʊkrəʊ'mætɪk/

electromagnetic
spectrum

/ɪˌlektərəmæg'netɪk

'spektrəm/



vacuum

/'vækjuːm/

English**Write it 3 times** (English)

 radio waves

/ˈreɪdiəʊ weɪvz/

 microwave

/ˈmaɪkrəʊweɪv/

 infrared

/ˌɪnfərəˈred/

 ultraviolet

/ˌʊltrəˈvaɪələɪt/

 X-rays

X

/eks reɪz/

 gamma rays

/ˈgæmə reɪz/

 artificial satellites

/ˌɑːtɪˈfɪʃl ˈsætələɪts/

 low orbit

/ləʊ ˈɔːbɪt/

 geostationary
orbit

/ˌdʒiːəʊˈsteɪʃənəri ˈɔːbɪt/

 analogue

/ˈænəlɒɡ/

 digital

/ˈdɪdʒɪtl/

 sound

/saʊnd/

 compression

/kəmˈpreʃn/

 rarefaction

/ˌreəriˈfækʃn/

 medium

/ˈmiːdiəm/

 loudness

/ˈlaʊdnəs/

 pitch

/pɪtʃ/

English**Write it 3 times** (English)



echo

/'ekəʊ/



Ultrasound

/ʊltrə'saʊnd/
