

Studyclix Topic Analysis - Leaving Cert Physics

Exam Question	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	FREQUENCY
Applied Electricity	5 (j)	5 (j), 12 (d)(ii)	12 (d)(ii), 5 (j)	10 (b), 5 (j)	11 (b), 5 (j)	10 (b), 5 (j)	10 (b), 5 (j)	10 (b), 5 (j), 11 (h)	10 (b), 5 (j)	10 (b), 5 (j)	10 (b), 5 (j)	10 (b), 5 (j)	10 (b), 5 (j)	5 (j)	13.5
Circular Motion	6 (a), 11 (g)	11 (e)	6, 12 (c)	6	5 (b)	6	11, 12 (a)	6 (c)		6, 5 (b)	6		6	6	11.5
Current Electricity	10 (b)	5 (h), 11 (b)	5 (g)	5 (g), 11 (e)	5 (f)	8		11 (e)	8	12 (b)	5 (g)	11 (f)	9, 5 (h)	5 (h)	9.5
Electrostatics	5 (g)-(h)	5 (e)-(f)	12 (b)	8	9	12 (c)		9 (a)-(c)	5 (e), 12 (d)	5 (f)	5 (f)	8	5 (g)	10, 5 (g)	11.5
Electric Circuits		8, 11 (c)		5 (h)	5 (g)	8	9	5 (f), 11 (g)		5 (g)			5 (f)	9	7.5
Electromagnetism	9	11 (a)	10	10 (g)-(h), 11 (a)-(c), 11 (f)-(g)	11 (a), 12 (d)	5 (g)	11	11 (f)	5 (g)-(h)	5 (h), 10 (b)	8	5 (h), 12 (c)	9, 11	11 (b), 12 (b)	16.5
Force, Mass & Momentum	5 (a)	5 (b)	12 (a)	12 (a)	6	6, 5 (b)	6	5 (a)	6	6	6, 11 (b), 11 (c)	12 (a)	5 (a)		11
Heat & Heat Transfer	8, 5 (c)	11 (f)-(g)	7	5 (e)	12 (c), 5 (d)	5 (c)-(d)	5 (f), 12 (c)	7 (a)-(b)		11 (c)	7	5 (c)	5 (c), 12 (c)		11
Light	9, 5 (e), 11 (c)	7	5 (d), 11 (c)-(e), 11 (g)	6	7, 9, 5 (e)	11, 12 (b)	7, 5 (e)	8 (a), 11 (b), 11 (d)	11, 5 (c)	7	5 (d)	5 (d)	5 (d)	7	18.5
Magnets & Magnetic Fields	11 (b)						5 (h)					5 (g)	11	5 (f)	3
Nuclear Energy	8	5 (f)	9		8, 5 (f)	9, 5 (f)	8	5 (f)	5 (f), 12 (b)	12 (d)	11 (d), 12 (c)	7, 11	8, 5 (f)		13
Particle Physics	5 (j), 10 (a)	9, 5 (j), 11 (h), 12 (d)(i)	5 (j), 12 (d)(i)	10 (a), 5 (j)	11 (a), 5 (j)	10 (a), 5 (j)	10 (a), 5 (j)	10 (a), 5 (j)	10 (a), 5 (j), 12 (b)	10 (a), 5 (j)	10 (a), 5 (j)	10 (a), 5 (j)	10 (a), 5 (j)	5 (j), 11 (a)	16
Potential Difference						5 (f)				9		10 (a)			2
Capacitance	12 (c)		5 (f)	5 (f)	9			5 (e)	5 (f)	9	12 (d)	5 (f)	12 (b)	5 (e)	6.5
Moments	5 (b)	12 (a)						6 (a)					5 (b)		2
Density & Pressure		5 (a)			5 (a)		6, 5 (g)			5 (a)	5 (a), 5 (b)	5 (a)	12 (a)	5 (a)-(b)	6
Gravity				6		6	6	5 (b)	6		6				5.5
Mirrors & Reflection	11 (d)-(f)	12 (c)			12 (b)			5 (c)		5 (e)				5 (d)	4
Lenses & Refraction			5 (c), 11 (a), 11 (b)	5 (c), 12 (b)	11 (b)	5 (e)	12 (b), 5 (d)	12 (b)	5 (b)	12 (c)	9	5 (e)	7		15
Resistance, Resistivity	5 (f)	8	10		10	8	9	12 (c)	8		7	9	9		10
Semiconductors	12 (d)		8												1.5
Simple Harmonic Motion	12 (a)	6	6	5 (b)	12	12 (a)	5 (b)	12 (a)		12 (a)		6			7
Speed, Displacement & Acceleration		6	5 (b)	12 (a)		5 (a)	6, 5 (c)			6	12 (a)	12 (a)	6		7
Temperature & Thermometers		5 (c)	7, 5 (f)	12 (c)	5 (c)	12 (d)		7 (c)		5 (c)				5 (c)	5
Radioactivity	12 (b)	12 (b)	9, 12 (a)	5 (f), 12 (d)	11 (a)	9	5 (f)	12 (d)		12 (d)	5 (f)	12 (d)	10 (a)	8	9
The Electron	5 (f), 12 (d)	10	5 (h), 11 (f), 11 (b), 12 (a), 12 (b)	7	5 (b)	5 (b)	12 (d)	5 (g)-(h)	9	8, 5 (f)	11, 5 (b)	5 (f)	12 (d)	5 (f), 12 (d)	14
Vectors & Scalars	6 (b)			5 (a)	6		5 (a)						12 (a)		3
Vibration & Sound	7	5 (g)	5 (e), 12 (c)	9		7	11	8 (a), 8 (b)	12 (c)	5 (d)	12 (b), 5 (c)	12 (b)	11	12 (c)	10.5
Waves & Wave Motion	5 (d), 11 (a)	7, 5 (d)	12 (c)	9, 5 (d)	10	7	8 (a), 5 (d)	7, 11, 12 (c)		12 (b)	7	11, 5 (e)		12 (c)	13.5
Work, Energy & Power	6 (c)	6	7, 5 (a)	12 (a)		12 (a)	11, 12 (a)	11 (a), 11 (c)	9	12 (c)	7, 5 (e), 12 (a)	5 (a), 10 (b), 11 (d)	12 (c)	12 (a)	12.5

Our Predictions:

- Light has the highest frequency score and appears in some way every year
- Semiconductors appeared twice in the last three years having not appeared previously, may appear as a whole/part question this year
- Repetition of topics such as Applied Electricity/Particle Physics/Electrostatics/Temperature in short questions seem sure to continue
- Electromagnetism has had a strong presence in both long and short questions in the past five years, indicating a presence for this year's paper

KEY:

Long Question = 1

Short Question = 0.5