2013, Part-A = Objective Type
2013, Part-B = Fill in blanks Type
2013, Part-C = Subjective Type

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2015, 16, 17: Part-A =MCQ (Multiple Choice Questions)
2015, 16, 17: Part-B = MSQ (Multiple Select Questions)
2015, 16, 17: Part-C = NAT (Numerical Answer Type)

**Part-A: Objective Type; Part-B = Subjective Type (2005 to 2012)**

# IIT-JAM PHYSICS-PH

**ANALYSIS OF QUESTION PAPERS**

| UNITS | QUESTIONS ASKED (in marks) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2017 | | | 2016 | | | 2015 | | | 2014 | | 2013 | | | 2012 | | 2011 | | 2010 | | 2009 | | 2008 | | 2007 | | 2006 | | 2005 | |
| | A | B | C | A | B | C | A | B | C | A | B | A | B | C | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B |
| **Modern Physics** | 2 | 6 | 4 | 2 | 4 | 6 | 7 | 2 | 2 | 4 | - | 2 | 6 | 5 | 6 | 21 | 18 | 21 | 18 | 42 | 6 | 63 | 12 | 21 | 12 | 21 | 12 | 21 | 6 | 21 |
| **Oscillations, Waves & Optics** | 5 | - | 5 | 9 | 4 | 1 | 5 | 6 | 3 | 5 | 10 | 2 | 3 | 5 | 12 | 21 | 18 | 42 | 12 | - | 12 | 21 | 12 | 42 | 12 | 21 | 24 | 21 | 12 | 21 |
| **Mathematical Physics** | 5 | - | 4 | 7 | 0 | 7 | 10 | - | - | 7 | 5 | 6 | 6 | - | 12 | 21 | 6 | 42 | 12 | 21 | 12 | - | 12 | 21 | 12 | 21 | 6 | 21 | 18 | 63 |
| **Electricity & Magnetism** | 10 | 6 | 2 | 6 | 4 | 2 | 5 | - | 6 | 13 | 5 | - | 3 | 15 | 12 | 63 | 12 | 21 | 12 | 63 | 12 | 42 | - | 42 | 12 | 42 | 12 | 21 | 12 | 21 |
| **Solid State Physics & Devices and Electronics** | 12 | - | 3 | 8 | 2 | 7 | 8 | 6 | 6 | 12 | - | 4 | 3 | 5 | 12 | 21 | 18 | 42 | 12 | 42 | 18 | 21 | 18 | 21 | 12 | 42 | 18 | 63 | 18 | 42 |
| **Mechanics & General properties of Matter** | 10 | 6 | 9 | 11 | 4 | 4 | 7 | 4 | 9 | 13 | 10 | 2 | 6 | 15 | 18 | 21 | 6 | 21 | 12 | 21 | 18 | 42 | 18 | 21 | 18 | 42 | 12 | 42 | 12 | 21 |
| **Kinetic Theory, Thermodynamics** | 6 | 2 | 3 | 7 | 2 | 3 | 8 | 2 | 4 | 6 | 10 | 4 | 3 | 5 | 18 | 42 | 12 | 21 | 12 | 21 | 12 | 21 | 12 | 42 | 12 | 21 | 6 | 21 | 12 | 21 |
| **TOTAL** | 50 | 20 | 30 | 50 | 20 | 30 | 50 | 20 | 30 | 60 | 40 | 20 | 30 | 50 | 90 | 210 | 90 | 210 | 90 | 210 | 90 | 210 | 90 | 210 | 90 | 210 | 90 | 210 | 90 | 210 |