# HIGHER Past Papers Summary

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **TOPIC** | | **Specimen** | | **Model 1** | | **Model 2** | | **Model 3** | | **2015** | |  | |
|  | | Paper 1 | Paper 2 | Paper 1 | Paper 2 | Paper 1 | Paper 2 | Paper 1 | Paper 2 | Paper 1 | Paper 2 |  |  |
| Ch 1 | The Straight Line | 5,9 |  | 1 | 1 | 1 |  | 1 | 4 | 9 | 1 |  |  |
| Ch 2,3 | Functions and Graphs | 8(a) |  | 6,10 |  | 4,12 | 4 | 5,6 |  | 4,5,13 | 2 |  |  |
| Ch 5 | Recurrence Relations |  | 2 |  | 3 |  | 6 | 8 |  |  | 3 |  |  |
| Ch 6 | Basic Differentiation / Optimisation | 11 | 3(b),8 | 8,11,  12a |  | 8 | 11 | 3,13 | 2,8 | 2,7 | 8 |  |  |
| Ch 7,8 | Polynomials / Quadratics | 2,4,7,8 | 3(a) | 3,9,12 |  | 6 | 2 | 4,9a | 3 | 3,8 |  |  |  |
| Ch 9 | Basic Integration | 1 |  | 5 | 4 | 5,7 | 5,9 |  | 9 | 15 | 4 |  |  |
| Ch 4,11 | Trig. Form & equations | 6,12 |  | 13 | 9 | 3,10 |  | 7 | 6 | 10 |  |  |  |
| Ch 12 | The Circle |  | 5 | 7 | 7 | 11 | 7 |  | 5 | 11,14 | 5 |  |  |
| Ch 13 | Vectors | 3 | 1,6 | 2,4 | 2 | 2 | 1 | 2,12 | 1 | 1 | 6 |  |  |
| Ch 14 | Further Calculus | 10 | 9 |  | 6 |  | 3 | 10 |  | 12 | 7 |  |  |
| Ch 15 | Logs & exp. function |  | 4,7 |  | 8 | 9 | 9,10 | 9b | 7 | 6 |  |  |  |
| Ch 16 | Wave Function |  | 10 |  | 5 |  | 8 | 11 |  |  | 9 |  |  |