**PEPERIKSAAN PERTENGAHAN TAHUN 2016**

**MATEMATIK TINGKATAN 2**

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| **SOALAN 1** |
| 1(a) | 1. Nilai terbesar = 7 531 ----- P1

Nilai terkecil = 1 357 ----- P1----- K1 ----- N1 |

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|  |  |
|  | 2 |

 |
| (b) |

|  |  |  |
| --- | --- | --- |
| (i) | 87 ialah nombor perdana. | 🗶 ----- P1 |
| (ii) | 36 ialah gandaan sepunya bagi 9 dan 12. | ✓ ----- P1 |
| (iii) | 2, 3 dan 6 merupakan faktor perdana bagi 18. | 🗶 ----- P1 |

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|  | 3 |

 |
| (c) | K1----- K1----- N1*atau*K1----- N1----- K1 |

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| **SOALAN 2** |
| 2(a) |

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|  | **Perpuluhan** | **Peratusan** |
| (i) | 3.05 | 305% ----- P1 |
| (ii) | 0.55 ----- P1 | 55% |
| (iii) | 0.02 | 2% ----- P1 |
| (iv) | 2.75 ----- P1 | 275% |

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|  | 4 |

 |
| (b) |  ----- K1----- K1----- N1*atau*K1----- K1----- N1 |

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|  | 3 |

 |
| (c) | ----- P11. Tertib menaik: -18, -5, -2, -1, 13, 14

----- K1----- N1 |

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|  | 1 |

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|  | 2 |

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| **SOALAN 3** |
| 3(a) | ----- K1----- K1----- N1 |

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 |
| (b) | ----- K1 ----- N1----- N1----- K1 |

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|  |  |
|  | 4 |

 |
| (c)K1 ----- | ----- K1 *atau* ----- P1----- N1----- P1----- N1 |

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| **SOALAN 4** |
| 4(a) | ----- K1----- K1 ----- N1----- N1 |

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 |
| (b) | ----- K1----- K1----- N1 |

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| --- | --- |
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|  | 3 |

 |
| (c) | K1K1----- N1*atau*K1K1----- N1 |

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| **SOALAN 5** |
| 5(a) | N1 ---------- K1----- N1 |

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 |
| (b) |  *atau*----- N1----- K1*atau*----- N1----- K1 |

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|  | 4 |

 |
| (c) | K1K1----- N1 |

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|  | 3 |

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| **SOALAN 6** |
| 6(a) |

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| --- | --- | --- | --- |
| (i) |  | ✓ | ----- P1 |
| (ii) |  | ✓ | ----- P1 |
| (iii) |  |  | ----- P1 |

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|  | 3 |

 |
| (b) | ----- N1----- K123----- K1----- K127 |

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|  | 4 |

 |
| (c) | ----- K1----- K1----- N1 |

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|  | 3 |

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| **SOALAN 7** |
| 7(a) | P1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| (i) |  | • | P1 | • | 2 |
| (ii) |  | • | P1 | • | 3 |
| (iii) |  | • |  | • | 4 |

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|  | 3 |

 |
| (b) | ----- P11.

----- P11.

----- P1 |

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|  | 3 |

 |
| (c) | ----- N1----- K1----- N1----- K1 |

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|  |  |
|  | 4 |

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| **SOALAN 8** |
| 8(a) | 1. B.

----- N1----- K1----- N1 |

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| --- | --- |
|  |  |
|  | 1 |

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| --- | --- |
|  |  |
|  | 2 |

 |
| (b) | ----- N1----- K1----- N1----- K1 |

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| --- | --- |
|  |  |
|  | 4 |

 |
| (c) | ----- P1----- K1----- N1 |

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| --- | --- |
|  |  |
|  | 3 |

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| **SOALAN 9** |
| 9(a) | ----- K1----- N1----- N1----- K1 |

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|  | 2 |

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|  |  |
|  | 2 |

 |
| (b) | *v* : 49 ----- P1 *w* : 14 ----- P1 *x* : 28 ----- P1 |

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|  |  |
|  | 3 |

 |
| (c) | ----- N1----- K1----- P1*atau*----- N1----- K1----- P1 |

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|  | 3 |

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| **SOALAN 10** |
| 10(a) |

|  |  |  |
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| (i) |  | ----- P1 |
| (ii) |  |  ----- P1 |
| (iii) |  |  ----- P1 |

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|  | 3 |

**KERTAS SOALAN TAMAT** |
| (b) |  ----- K1----- K1----- N1 |

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|  | 3 |

 |
| (c) |   ----- K1----- P1----- K1----- N1 |

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