**PEPERIKSAAN PERTENGAHAN TAHUN 2016**

**MATEMATIK TINGKATAN 1**

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| **SOALAN 1** |
| 1(a) |

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| (a) | 783 500 | Ratus ribu yang hampir | 800 000 ----- P1 |
| (b) | 642 350 | Ribu yang hampir | 642 000 ----- P1 |

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

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

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| (c) | ----- K1 *atau* P1 ----- Ya. Paip yang dibekalkan itu mencukupi kerana panjang paip yang digunakan tidak melebihi 750 m iaitu hanya 560 m sahaja. ----- N1*atau*P1 ----- Ya. Paip yang dibekalkan itu mencukupi kerana bilangan paip yang diperuntukkan melebihi 80 batang iaitu 107 batang. ----- N1 |

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| **SOALAN 2** |
| 2(a) | P1

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| (i) | 22 | • |  | • | Nombor ganjil |
|  |  |  |  |  |  |
| (ii) | 21 | • | P1 | • | Nombor perdana |
|  |  |  | P1 |  |  |
| (iii) | 2 | • |  | • | Nombor genap |

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| (b) | ----- P1----- N1----- P1 |

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| (c)K1 ----- | GSTK =  2 =

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| 88 |

 | 8, | 16----- K1 |
| 2 | 1, |

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| 2----- K1----- N116 |

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| **SOALAN 3** |
| 3(a) | P1 ---------- P1

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| (a)  | (b)  |
| P1 |

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| (b) |

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| 2 | 12, | 20 |  | 2 | 12, | 20 |
| 2 | 6, | 10 |  | 2 | 6, | 10 |
| 3 | 3, | 5 |  |  | 3, | 5 |
| 5 | 1, | 5 |  |  |  |  |
|   | 1, | 1 |  |  |

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

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| (c) |

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| (i) |  | • | P1P1 | • | Pecahan wajar |
| (ii) |  | • | P1 | • | Nombor bercampur |
| (iii) |  | • |  | • | Pecahan tak wajar |

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| **SOALAN 4** |
| 4(a) | *P* :  *atau*  ----- P1*Q* :  *atau*  ----- P1*R* :  *atau*  ----- P1 |

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| (b) | ----- N1]*atau*----- K127----- K1----- K1 |

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

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| **SOALAN 5** |
| 5(a) | P1

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| (i) |  | • |  | • | 4.8 |
|  |  |  | P1 |  |  |
| (ii) |  | • |  | • | 480 |
|  |  |  | P1 |  |  |
| (iii) |  | • |  | • | 48 |

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| (b) |  ----- P1  ----- P1Tertib menaik: ----- P11. Tertib menurun: 3.78, 3.078, 0.837, 0.738, 0.387, 0.378 ----- P1
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| (c) | 1. Satu tempat perpuluhan : 5.9 ----- P1
2. Dua tempat perpuluhan : 5.92 ----- P1
3. Tiga tempat perpuluhan : 5.918 ----- P1
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| **SOALAN 6** |
| 6(a) | ----- K1----- N1----- K1 |

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

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

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| **SOALAN 7** |
| 7(a) | 250----- P1 *atau*  525----- N1----- K1----- K12.5 |

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| (b) | ----- N1----- K1----- P1 |

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

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| **SOALAN 8** |
| 8(a) | 1. *atau*  ----- P1
2. ----- P1
3. ----- P1
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| (b) |  ----- K1----- N1*atau*  ----- N1----- K11.

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

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| (c) |   ***Catatan:*** Harga setelah diskaun bagi 2 kipas betul ----- P1 Harga setelah diskaun bagi 4 kipas betul ----- P2----- N1Kipas *P* paling murah setelah diskaun. |

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| **SOALAN 9** |
| 9(a) |

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|  (i) | -5 | < | 5 | ----- P1 |
|  |  |  |  |  |
| (ii) | 0 | > | -1 | ----- P1 |
|  |  |  |  |  |
| (iii) | -10 | > | -15 | ----- P1 |
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| (iv) | -9 | < | -8 | ----- P1 |

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| (b) | *D* : -8 ----- P1*E* : 2 ----- P1*F* : 6 ----- P1 |

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| (c) | ----- N1----- K1----- P11-5+3 |

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| **SOALAN 10** |
| 10(a) | 1. Tertib menaik: -5, -2, 0, 6 dan 9 ----- P1
2. Nombor terbesar = 9 ----- P1

Nombor terkecil = -5 ----- P1----- N1 |

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

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

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