**PEPERIKSAAN AKHIR TAHUN**

**MATEMATIK TINGKATAN 1**

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| **NO.** | **PENYELESAIAN DAN JAWAPAN** | **SUB MARKAH** | **JUMLAH MARKAH** |
| 1(a) | 56 603  56 502  57 108 | P1  P1  P1 | 3 |
| (b) | 1. T 2. Q | P1  P1 | 2 |
| (c) | RM 24.10        Cukup | K1  K1  N1  K1  N1 | 5 |
| 2(a) | 1. 40 % 3. 0.2 4. 50 % | N1  N1  N1  N1 | 4 |
| (b) | |  |  |  |  | | --- | --- | --- | --- | | |  | | --- | | 12 | | 48, | 60 | |  | 4, | |  | | --- | | 5 | |   FSTB = 12   |  |  |  |  | | --- | --- | --- | --- | | |  | | --- | | 12 | | 48, | 60 | | 4 | 4, | |  | | --- | | 5 | | | 5 | 1, | 5 | |  | 1, | 1 |   GSTK =  Beza = | N1  N1  N1 | 3 |
| (c) | RM 112.50 | K1  N1  N1 | 3 |
| 3(a) | 1. 4, 32   10, 16   1. Menambah 3 kepada nombor sebelumnya. | N1  N1  N1 | 3 |
| (b) | *D, A, B* | P3 | 3 |
| (c) |  | K1  N1  K1  N1 | 4 |
| 4(a) | *p* : -15  *q* : -6  *r* : 12 | N1  N1  N1 | 3 |
| (b) | 25 %      50 % | K1  N1  K1  N1 | 4 |
| (c) |  | K1  K1  N1 | 3 |
| 5(a) | 1. ✓ 2. 🗶 3. 🗶 | P1  P1  P1 | 3 |
| (b) | 1. 3 2. 2 3. 4 | P1  P1  P1 | 3 |
| (c) |  | K1  N1  K1  N1 | 4 |
| 6(a) | 1. 11:15 a.m. ATAU Jam 1115   3 jam 30 minit   1. Jam 1515 | N1  N1  N1 | 3 |
| (b) | 1. 4.8 kg + 3.9 kg = 8.7 kg   8 kg 700 g   1. 7 kg – 2 kg 82 g = 7 kg – 2.082 kg = 4.918 kg   4 kg 918 g | K1  N1  K1  N1 | 4 |
| (c) | 204 cm | K1  K1  N1 | 3 |
| 7(a) | Sudut tirus  Sudut refleks  Sudut cakah | P1  P1  P1 | 3 |
| (b) | 2. Sudut pada bucu *X.*   Ukuran sudut  yang tepat. | N1  P1  K1 | 3 |
| (c) |  | K1  N1  K1  N1 | 4 |
| 8(a) | 1. (a) 1   (b) 2 | P1  P1  N1 | 3 |
| (b) | 1. Panjang sisi yang tepat.   Ukuran sudut  yang tepat.  Panjang sisi  yang tepat dan segitiga ABC yang lengkap. | K1  K1  K1  N1 | 4 |
| (c) |  | P1  K1  N1 | 3 |
| 9(a) | 210 cm2  15 cm  18 cm  10 cm  P1 N1  Kedua-dua betul → P1 |  | 3 |
| (b) | Panjang sisi =  Perimeter =  = 42 cm | P1  K1  N1 | 3 |
| (c) | Luas trapezium =  Luas segitiga bersudut tegak = | K1  K1  K1  N1 | 4 |
| 10(a) | 1. 🗶 2. ✓ 3. ✓ | P1  P1  P1 | 3 |
| (b) | 1. Panjang tepi kubus =   Isi padu kubus =   1. Isi padu kuboid =   = | P1  N1  K1  N1 | 4 |
| (c) |  | P1  K1  N1 | 3 |