



**MODUL PINTAS  
TINGKATAN 5**

**1449/2**

**MATEMATIK  
Kertas 2**

$2\frac{1}{2}$  jam

Dua jam tiga puluh minit

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**PERATURAN PEMARKAHAN**

**MATEMATIK K2**

**1449/2**

**(ERATA JAWAPAN**

**SOALAN 2, 8, 11, 13 & 16)**



| Soalan<br>Question | Cadangan Jawapan<br>Suggested Answer  | Markah<br>Marks             | Jumlah<br>Total |
|--------------------|---|-----------------------------|-----------------|
| 2                  | (a) Jika $8a^2 \geq 32$ , maka $a \geq 2$<br>If $8a^2 \geq 32$ , then $a \geq 2$<br><b>Palsu / False</b>  | 1<br>1                      |                 |
| 8                  | (a) 17<br><br>(b) (i) $\frac{1}{2}(36+s)\left(\frac{12}{60}\right) = 9$ atau setara / or equivalent<br><br>54<br>(ii) $\frac{54}{13}$ <b>km h<sup>-1</sup> per minut atau 249.23 km h<sup>-2</sup> atau 249 <math>\frac{3}{13}</math> km h<sup>-2</sup></b>   | 1<br><br>1<br><br>1<br>1    | 4               |
| 11                 | <b>Bonus</b>  |                             |                 |
| 13                 | (a) $\frac{(4 \times 157) + (13 \times 162) + (35 \times 167) + (17 \times 172) + (8 \times 177) + (3 \times 182)}{80}$ atau setara<br>or equivalent<br>$\sqrt{\frac{(4 \times 157^2) + (13 \times 162^2) + (35 \times 167^2) + (17 \times 172^2) + (8 \times 177^2) + (3 \times 182^2)}{80}} \cdot 168.31^2$ atau setara / or equivalent<br><br>Nota/Note:<br>*5 atau 4 data betul beri 1 markah<br>*5 or 4 data correct award 1 mark<br><br><b>5.576 atau 5.651</b>   | 1<br><br><br>2<br><br><br>1 |                 |
| 16                 | (c) $(0.60 \times 8\,000)$ atau / or $(2 \times 150)$ atau/or $(0.65 \times 8\,000)$ atau/ or<br>$\left(\frac{3.5}{100} \times 4\,800\right)$ atau /or $\left(\frac{3.8}{100} \times 5\,200\right)$<br><br>$5\,350 - (0.60 \times 8\,000) + (2 \times 150) + \left(\frac{3.5}{100} \times 4\,800\right)$ <b>atau /or RM1 018</b><br>atau / or<br>$5\,800 - (0.65 \times 8\,000) + (250) + \left(\frac{3.8}{100} \times 5\,200\right)$<br><b>atau /or RM1 047.60</b><br><br><b>21.21% dan/and 20.15%</b><br><br><b>Bestari Holding</b> memberikan nilai pulangan yang lebih tinggi.<br><b>Bestari Holding</b> gave the higher return on investment.<br><br>Nota/Note:<br>1 markah diberi pada salah satu pengiraan Bestari Holding atau Berjaya Maju.<br>Award 1 mark for either calculation on investment of Bestari Holding or Berjaya Maju. | 1<br><br>1<br><br>1<br>1    |                 |