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UNIVERSITI SAINS MALAYSIA

Second Semester Examination  
Academic Session 2005/2006

April/Mei 2006

**MAT 102E – Advanced Calculus**  
**[Kalkulus Lanjutan]**

Duration : 3 hours  
*[Masa : 3 jam]*

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Please check that this examination paper consists of SEVEN pages of printed material before you begin the examination.

*[Sila pastikan bahawa kertas peperiksaan ini mengandungi TUJUH muka surat yang bercetak sebelum anda memulakan peperiksaan ini].*

**Instructions:** Answer **all four** [4] questions.

**Arahan:** Jawab **semua empat** [4] soalan].