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UNIVERSITI SAINS MALAYSIA

First Semester Examination  
2015/2016 Academic Session

December 2015/January 2016

**MAT 518 – NUMERICAL METHODS FOR DIFFERENTIAL  
EQUATIONS**  
***[Kaedah Berangka Untuk Persamaan Pembezaan]***

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

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

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

**Instructions:** Answer **FOUR** (4) questions.

**Arahan:** Jawab **semua empat** (4) soalan.]

In the event of any discrepancies, the English version shall be used.

*[Sekiranya terdapat sebarang percanggahan pada soalan peperiksaan, versi Bahasa Inggeris hendaklah digunapakai.]*