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First Semester Examination  
2021/2022 Academic Session

February/March 2022

## **MAT514 - Mathematical Modelling**

Duration : 2 hours

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Please check that this examination paper consists of **THREE (3)** questions in **FIVE (5)** printed pages before you begin the examination.

**Instructions** : This is a closed-book examination. No internet surfing. Strictly no discussion. No copying from another candidate. **IF EVIDENCE OF COPYING (EITHER FROM INTERNET OR FROM ANOTHER CANDIDATE) IS FOUND, YOUR ANSWER SCRIPT WILL BE REJECTED.** Write solutions for each question on a new blank sheet of paper. Upload your solutions in a single PDF format to [elearn@USM](mailto:elearn@USM). (You have additional 15 minutes for submission process).

Answer **ALL THREE (3)** questions.

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