

SECRET

NO PHOTOCOPY
This paper contains pages

Page _____

NANYANG TECHNOLOGICAL UNIVERSITY
School of Electrical and Electronic Engineering

Subject: The L^AT_EX Typesetting System / LKV101
Name of Examiners: Ling KV & Co.

Year: 2002/3(Sem 2)
Time allow: 2.5h

Instruction to Candidate : (only on page 1)

- (1) This paper contains _____ questions.
- (2) Candidates must answer _____ questions.

Question No 1

A L^AT_EX template for typesetting questions. It is implemented using the `fancyhdr` style and `longtable` environment which comes standard with the L^AT_EX tools package. This is version 0.00 and it is very crude. An customised environment called *question* is provided. You just need to say

```
\documentclass[11pt,qn]{examform}

\usepackage{graphicx}

\def\subjecttitle{The \LaTeX\ Typesetting System / LKV101}
\def\semester{2002/3(Sem 2)}
\def\timeallowed{2.5h}
\def\examiner{Ling Keck Voon}
\def\examiners{Ling KV \& Co.}
\def\moderator{Name of Moderator here}
\def\subjectmoderator{Name of Subject Moderator here}

\begin{document}

\begin{question}{1}
  Type your question 1 here....
\end{question}
\begin{question}{2}
  Type your question 2 here...
\end{question}
\end{document}
```

Examination Requirements: NIL

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Question No 1

At the moment, you need to manually adjust the vertical white spaces so that chunks of text/graphics fit well into a page. This is how you do it:

`\vspace{10mm} \`

Comments and tricks welcome.

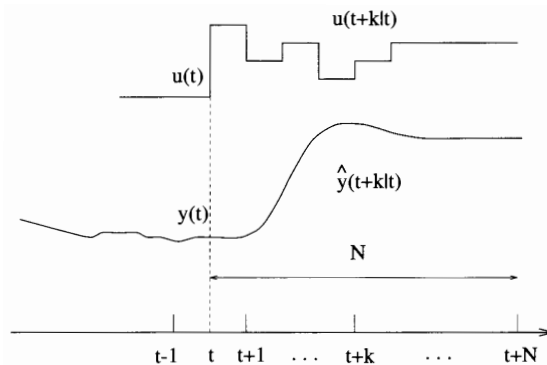
Marks can be typeset by the command `\Qmarks{num}` where `num` a number.

If you could typeset this equation, you would be awarded 10 marks.

$$g(s) = \frac{k}{\tau s + 1} e^{-\theta s}$$

(10 marks)

Five marks for including a figure.



(5 marks)

Examination Requirements: NIL