

# Short manual for examcard.cls with examples

In order to generate a card use the following environment:

```
\begin{card}  
...  
\end{card}
```

It looks like this:

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam lobortis facilisis sem. Nullam nec mi et neque pharetra sollicitudin. Praesent imperdiet mi nec ante. Donec ullamcorper, felis non sodales commodo, lectus velit ultricies augue, a dignissim nibh lectus placerat pede. Vivamus nunc nunc, molestie ut, ultricies vel, semper in, velit. Ut porttitor. Praesent in sapien. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis fringilla tristique neque. Sed interdum libero ut metus. Pellentesque placerat. Nam rutrum augue a leo. Morbi sed elit sit amet ante lobortis sollicitudin. Praesent blandit blandit mauris. Praesent lectus tellus, aliquet aliquam, luctus a, egestas a, turpis. Mauris lacinia lorem sit amet ipsum. Nunc quis urna dictum turpis accumsan semper.

If you wish to set your own size for the cards, use the following commands:

```
\setcardwidth{width}  
\setcardheight{height}
```

These commands will override the standard values, which are 70mm (height) and 90mm (width).

Question names can be generated with the commands:

```
\questname[<class>]{<question>} %with number  
\questnamenonum[<class>]{<question>} %without number
```

Examples:

```
\begin{card}  
\questname[Physics]{Maxwell's Equations}  
\blindtext  
\end{card}
```

## 1. *Physics* Maxwell's Equations

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```
\begin{card}
\questname{Maxwell's Equations}
\blindtext
\end{card}
```

## 2. Maxwell's Equations

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```
\begin{card}
\questnamenonum[Physics]{Maxwell's Equations}
\blindtext
\end{card}
```

*Physics* **Maxwell's Equations**

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```
\begin{card}
\questnamenonum{Maxwell's Equations}
\blindtext
\end{card}
```

## Maxwell's Equations

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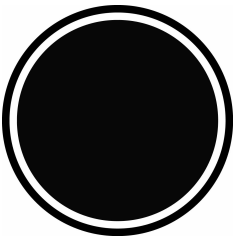
Mathematics example:

**3. *Physics* Maxwell's Equations**

$$\begin{aligned}\operatorname{div}\mathbf{E} &= 4\pi\rho \\ \operatorname{div}\mathbf{H} &= 0 \\ \operatorname{rot}\mathbf{E} &= -\frac{1}{c}\frac{\partial\mathbf{H}}{\partial t} \\ \operatorname{rot}\mathbf{H} &= \frac{4\pi}{c}\mathbf{j} + \frac{1}{c}\frac{\partial\mathbf{E}}{\partial t}\end{aligned}$$

You may also include graphics:

**4. *Graphics* Circle**



And tables:

**5. *Table* Numbers**

1	2	3
4	5	6
7	8	9

Each time `\questname[class]{<question>}` command is executed, it sends data to the list, which can be displayed with the following command:

`\listgen`

See next page for an example.

Generated list of questions (formed out of the questions used in this manual):

1. *Physics* Maxwell's Equations
2. Maxwell's Equations  
*Physics* Maxwell's Equations  
Maxwell's Equations
3. *Physics* Maxwell's Equations
4. *Graphics* Circle
5. *Table* Numbers

Note that the numbering is the same as in cards. If there is no number in the card, so will be in the list.