Manually Numbered Answers

2.1. Here is my answer to question 2.1 of the text of the book. This question has sub-parts, and so I use another list to answer them.

   a) Answer to first sub-part.
   b) Answer to second sub-part requires an image.

   Normally, I would do `\includegraphics{figurename}` here.

2.7. Here is my answer to question 2.7. It also has sub-parts, but for some reason they’re given with roman numerals, and so I’ll use lowercase roman numerals here too.

   i) Answer to first sub-part.
   ii) Answer to second sub-part.

Automatically Numbered Answers

1. This question asks me to list things, and so I give an unnumbered/unlettered list.

   • First item in the list.
   • Second item in the list.

2. This question requires me to list a mathematical equation, which I can refer to as Equation (1).

\[
\frac{\sin(2\pi T)}{2\pi} = \int_{0}^{T} \cos(2\pi t) dt
\]  

(1)

Using an `equation*` environment instead of an `equation` environment gets rid of the equation numbering. Math can also be listed in-line, like \(x = 5\).

Question 5

Or you could just give each answer its own section.

1  Automatically Numbered Sections

If you get rid of the `secnumdepth` line in the preamble (or set it to a positive number), your `\section` commands automatically get numbered.

2  Another Numbered Section

So that’s another option.

Removing Numbers

Even when `secnumdepth` is left to its default positive value, using `\section*` instead of `\section` will remove numbering for that section.