

# What is on the MA20223 2019-20' exam?

Remember that the entire exam except for Part C was drafted **before** the Covid-19 shutdown, which means that you can expect it to follow the old trends. The main difference is that Part A+B accounts now for 80%.

## Part A: Mandatory questions (32%)

This will be similar to expectations from the mandatory sections of past exams. You will be asked to make some basic statements and computations. No funny business expected.

## Part B: Pick 2/3 (48%)

- Q1. A question on vector calculus.
- Q2. A question on heat flow and Fourier series
- Q3. A question on the wave equation

## Part C. Open question (20%)

This will be a question that asks you to explain some applied mathematical concept using knowledge you have learned in this course. You will have seen similar concepts before in lectures or problem sets, but you will be challenged to explain it in your own words.

It will not involve any proof or any calculations. The word limit is 500 words.