

I chose telescope.

He asked me to draw the telescope.

Derive Magnification equation. Which parameters magnification depend on?

Which lens will have high power?

Why we can't do 1000 magnification?

Which is better 10x30 or 10x50?

Which one will you pick if you want to watch cricket at daylight? Why you pick 10x30?

What is the difference in pricing and size? If you are careless like me which one will you want to buy. Suppose you have low light around you which one is better? How we see stuff in low light, I was stoned around 20 secs then I answered rods, photoreceptors will work then.

Draw microscope ray diagram. What is the resolution here? Magnification? Prove it.

What is f/D here (in the eqn). Where you have F number? Do you have F no in microscope?

Then what is it? I was messed up. But I knew the answer. Then he explained that resolution is actually limited by NA. That's all about my exam...Best of luck...Prof is superb...He will help u a lot to bring the answer from you....🤓