Biology Paper 1 2022

Student completed this paper in [*month*] [*year*]. With 10-15 minutes remaining before the exam time ended.

Achieved 54/100 (54%); a very high grade 6, 1 mark off a 7, by the AQA grade boundaries for this paper:

Grade Boundaries								
9	**8**	**7**	**6**	**5**	**4**	**3**	**2**	**1**
68	61	55	46	37	28	23		

<u>Main notes:</u>

Student showed great knowledge of cell organelles throughout the paper when recalling their functions. Student's knowledge of digestion was also strong, including the required practical for food tests. In our feedback lesson, we will build on her understanding of the microscopy practical and *why* we do certain steps, as there was some confusion with the digestion practical here.

Student had great recall of uses of electron microscopes with excellent terminology, and also provided a good description of the steps of mitosis. We will add to Student's terminology here to ensure full marks are gained in future. Throughout the paper Student showed outstanding SA:V calculations, with clear methods given – consistently getting full marks.

When attempting the next paper, I'd like to see Student go into more detail when answering "explain" questions. This means asking herself *why* when writing and finishing her sentences with explanations to her statements. We will practice this together and hopefully we will see an improvement in the mocks.

Student was one mark off a grade 7 in this paper. I was slightly generous with 2-3 marks so I am confident in the award of grade 6 currently. Although, a grade 7 is clearly in Student 's reach for mocks. I advise she takes her time answering questions and continue using her revision strategies. Student has evidently worked very hard so far in year 11 and it is shown in her continued progress.

Feedback recall questions:

1. Define osmosis

2. What pathogen causes
   (a) Malaria (b) Measles (c) Rose black spot

3. Why is iodine used to visualise onion cells under a microscope?

4. Why use very thin layer of onion cells when visualising under a microscope?

Topics of focus :

- Topic 1 – Osmosis: description, required practical, drawing and interpreting graphs.
- Topic 3 – pathogens that cause named communicable diseases.
- Microscopy required practical
- Further exam technique practice, e.g. answering "explain" questions.