

Biology 9-1 GCSE 6 mark practice questions (taking into account the advance information)

PAPER 1 = topics 1-5,

We advise you to practice as many of these as possible to support your revision of the banded questions, answers are on sharepoint and Teams

Paper 1:

Compare the growth of animals with plants (2)

Mitosis (describe the stages of mitosis) and explain the importance of mitosis in tissue culture of plants and drug testing in humans (2,4)

Compare mitosis and meiosis in terms of process, where they occur and cells produced (4)

Enzymes are affected by different factors, state these factors and explain how they affect the function of the enzyme (1)

Describe the evidence for human evolution occurring by natural selection (4)

Describe the lytic and lysogenic lifecycles of viruses (5)

Describe the differences between PET and CT scanning to investigate brain function and explain why treating damage and disease in the brain is difficult (2)

Explain the reflex arc pathway on touching a hot object including what happens at the gap between the neurones (2)

Explain how XXX (insert any disease from this list: cholera/TB/malaria/ebola/chlamydia/HIV) is transmitted and how the number of people infected could be reduced (5)

Describe the stages a potential new drug goes through in preclinical and clinical testing (5)

Describe how a bacterium can be genetically modified to produce insulin (4)