



QUESTION WORKBOOK

The five kingdoms, species concepts and viruses

Classification, biodiversity and conservation · Unit B18

OCR A 4.2.2 · Edexcel A 4.6 · Edexcel B 2.2 i, 2.2 iii, 3.1 ii, 3.1 iii, 3.1 vii · CAIE 18.1

5 questions · 16 marks

PRINT EDITION

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SECTION B · Standard, 3 to 5 marks**B1**
FKS-Q1

Explain why viruses are not placed in any of the five kingdoms, and describe how they are classified instead. [4]

B2
FKS-Q2

State three features that would place an organism in the kingdom Fungi rather than in the kingdom Plantae. [3]

B3
FKS-Q3

Explain why the presence or absence of a nucleus is used as the first division made when organisms are placed into kingdoms. [3]

B4
FKS-Q4

Two populations of a fossil shellfish are known only from their shells. Suggest which species concept a palaeontologist must use to decide whether they are one species or two, and suggest one problem with the decision. [3]

B5

FKS-Q5

Compare the way a fungus obtains its food with the way an animal obtains its food.

[3]

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