

## Biological molecules – 2022 November IGCSE 0610 Biology

### 1. Nov/2022/Paper\_11/No.9

Which chemical is used to test for the presence of protein in a food sample?

- A Benedict's solution
- B biuret solution
- C DCPIP
- D iodine solution

### 2. Nov/2022/Paper\_12/No.9

Which row shows features of osmosis in cells?

	requires a cell membrane	requires a cell wall	water can move into the cell	water can move out of the cell
A	✓	✓	✓	✓
B	✓	x	✓	✓
C	✓	✓	x	✓
D	x	✓	✓	x

key

✓ = yes

x = no

### 3. Nov/2022/Paper\_13/No.9

Which chemical is used to test for the presence of protein in a food sample?

- A Benedict's solution
- B biuret solution
- C DCPIP
- D iodine solution

### 4. Nov/2022/Paper\_23/No.9

A doctor tested the urine of four patients for both glucose and protein. The colours of the urine samples after testing are shown in the table.

Which patient's urine contained both protein and glucose?

	colour after testing with biuret solution	colour after testing with Benedict's solution
A	blue	brick red
B	blue	blue
C	purple	brick red
D	purple	blue